

Eldorado River Salmon Counting Tower  
Project Summary Report, 2000

By

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## INTRODUCTION

The Eldorado River counting tower has been a cooperative project between Kawerak Inc, and the Alaska Department of Fish and Game (ADF&G). Kawerak Inc. has provided the funds and has operated this project; ADF&G provided equipment for the project and analyzed and expanded the tower count data used in this report..

The counting tower has successfully operated since 1995 (Rob 1995, 1997, 1998 and 1999; Kohler 2000). The 2000 season was the sixth year a salmon counting tower has been operated on the Eldorado River. The project is operated to obtain timely and accurate escapement information required for the active management of the salmon stocks throughout the season. The Eldorado River drains into Safety Sound approximately 14 miles east of Nome (Figure 1). Historically, this drainage supports the largest chum salmon escapement of the various streams within the Nome Subdistrict.

## OBJECTIVES

The objectives of this project were to:

- 1) estimate the chum, pink, king and coho salmon escapement to the Eldorado River
- 2) describe the timing of the salmon escapements passed the Eldorado River tower site.

## METHODS

The Eldorado River counting tower camp is located on Sitnasuak Native Corporation land, just above the furthest upstream connecting channel to the Flambeau River. The camp is approximately 45 minutes by boat from the Safety Sound highway bridge.

A tent camp with two tent frames and an outhouse was established at the end of June. A 15-foot high scaffolding tower erected on the bank of the river served as an observation platform. A 50' x 8' vinyl canvas flash panel was placed on the river bottom directly in front of the tower. A weir, built from the mid-stream end of the flash panel to the opposite bank, directed the fish over the flash panel. An array of four 120-volt lights mounted on a post below the tower illuminated the flash panel during periods of low light and darkness.

Counting began on 29 June and ended on 25 August. Counting was conducted 6 days a week. The counting schedule was 24 half-hour counts each day from 12 noon to 1130 hours the following day. The daily counts considered in this report run from 0000 hours to 2400 hours. The counts for each half-hour shift were doubled to produce the reported hourly counts for each species. Each day the reported hourly counts were added to

produce a daily unexpanded total. The daily and cumulative unexpanded totals for each species were relayed to the Nome office by radio every day.

The expanded counts for this report were calculated using the following methods. The 24-hour counts for the days off were estimated by adding the counts of each hour of the day before, to the counts of each hour of the day following, and dividing the result by two. This expansion was done for all species counted.

The expanded counts for the days missed were linearly interpolated. The count for a missed day with the normal 24-hour count was calculated by adding the counts of each hour of the day before the missed period, to the counts of each hour of the day following the missed period, and dividing the result by two. If two or more days were missed, the count for the missing days was calculated by adding the counts of each hour of the day before the missed period, to the counts of each hour of the day following the missed period, and dividing the result by two.<sup>1</sup>

## RESULTS

Table 1 shows the expanded daily and cumulative salmon passage totals for each species. During 2000, the reported total hourly counts were: 9,520 chum salmon, 44,722 pink salmon, 24 king salmon, and 128 coho salmon (Tables 6-9). The expanded counts were: 11,617 chum salmon, 55,922 pink salmon, 33 king salmon, and 192 coho salmon (Tables 2-5).

Chum and pink salmon were observed on 29 June, the first day of counting. King salmon were first observed on 3 July. Coho salmon were first observed on 31 July. The daily peak count of 1,402 chum salmon occurred on 4 July; the daily peak count of 5,870 pink salmon occurred on 13 July; the daily peak count of 26 coho salmon occurred on 21 August (Table 1).

Most chum salmon returned during the two-week period from 2 July through 16 July when 78% passed the tower, although smaller numbers were counted through August (Table 2; Figures 3 and 4). Pink salmon returned from 29 June through 20 August with a peak date of 13 July (Table 3; Figures 5 and 6). Few king salmon were counted (Table 4; Figures 7 and 8). All coho salmon counted returned after 31 July (Table 5; Figures 9 and 10).

All species counted exhibited a diurnal pattern of migration as they passed the counting tower. During the 15-hour period from 1500 through 0500 hours, 96% of the chum salmon passed the tower (Table 2; Figure 11). During the 12-hour period from 1800 through 0500 hours, 94% of the pink salmon escapement passed the tower (Table 3; Figure 12). During the 9-hour period between 1900 and 0300 hours, 94% of the king

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<sup>1</sup> From Rob 1999

salmon escapement passed the tower (Table 4; Figure 13). Similarly, 86% of coho salmon escapement passed the counting tower between 2100 and 0500 hours (Table 5; Figure 14).

An aerial survey of the Eldorado River counted 3,383 chum salmon on 20 July 2000. The aerial survey counted 29% of the total season expanded tower count of 11,617 chum salmon. The aerial survey counted 3,113 chum salmon above the counting tower on 20 July, when the cumulative tower count of chum salmon was 10,238. The aerial survey count was 30% of the cumulative tower count on that date (Table 1).

An aerial survey of the Eldorado River up and downstream of the tower counted 16,080 pink salmon on 20 July 2000. The total season expanded tower count of pink salmon was 55,992. This aerial survey counted 29% of the total season expanded tower count of pink salmon. The aerial survey above the counting tower counted 15,840 pink salmon on 20 July, when the cumulative tower count of pink salmon was 46,439. This aerial survey counted 34% of the cumulative tower count on 20 July (Table 1).

## DISCUSSION

This was the sixth consecutive year of operation for the Eldorado River counting tower. The 2000 escapement of chum salmon was the second weakest since the project began in 1995. The size of the 2000 chum escapement was similar to 1996, 1997 and 1998, but just one third the size of 1995. The 2000 escapement of pink salmon was only 41% of its parent year 1998 (Figure 17). Comparatively, the even year escapement of pink salmon in 1998 was 298% percent of its parent year 1996 (Figure 17). The 2000 escapement of king salmon was about the same as in 1999 (Figure 18). The 2000 coho salmon escapement was the second latest on record (Figure 19; Appendix 1). Whereas, the 1996 escapement of coho salmon began eleven days earlier than in 1995, 1996 and 1998. High water caused precluded counts on 15 July, 4-6 August, and 12 August. Passage estimates were made in the same manner as leave days. Appendix 2 shows the percentage of salmon by species that were estimated each year from 1995 to 2000.

A counting tower on this watershed is valuable because the chum salmon escapement documented from 1995 to the present shows the relative importance of the Eldorado and Flambeau watersheds to the various salmon user groups in the Nome Subdistrict. The Eldorado tower provided fishery managers a valuable tool for assessing the salmon returns to the Safety Sound watersheds.

If funding is available we recommend the project should start a week earlier to more completely count chum, pink and king salmon, and if additional funding is available, the project should remain in operation three weeks later to more completely count coho salmon.

## ACKNOWLEDGEMENTS

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## LITERATURE CITED

- Rob, Peter J. 1995. Eldorado River Counting Tower. A cooperative project funded by Sitnasuak Native Corporation. Project Summary Report, 1995. Alaska Department of Fish & Game, Commercial Fisheries Management and Development Division, Nome.
- Rob, Peter J. 1997. Eldorado River Salmon Counting Tower Project Summary Report, 1996. Regional Information Report 3A97-06. Alaska Department of Fish & Game, Commercial Fisheries Management and Development Division, Anchorage.
- Rob, Peter J. 1998. Eldorado River Salmon Counting Tower Project Summary Report, 1997. Regional Information Report 3A98-01. Alaska Department of Fish & Game, Commercial Fisheries Management and Development Division, Anchorage.
- Rob, Peter J. 1999. Eldorado River Salmon Counting Tower Project Summary Report, 1998. Regional Information Report 3A99-04. Alaska Department of Fish & Game, Commercial Fisheries Management and Development Division, Anchorage.
- Kohler, Tom. 2000. Eldorado River Salmon Counting Tower Project Summary Report, 1999. Regional Information Report 3A00-05. Alaska Department of Fish & Game, Commercial Fisheries Management and Development Division, Anchorage.

Table 1. Expanded daily and cumulative migration of all salmon species past the Eldorado River counting tower, Norton Sound, 2000.

| Date   | Chum   | Cumulative Chum | Pink   | Cumulative Pink | King | Cumulative King | Coho | Cumulative Coho |
|--------|--------|-----------------|--------|-----------------|------|-----------------|------|-----------------|
| 29-Jun | 4      | 4               | 8      | 8               | 0    | 0               | 0    | 0               |
| 30-Jun | 28     | 32              | 62     | 70              | 0    | 0               | 0    | 0               |
| 01-Jul | 238    | 270             | 110    | 180             | 0    | 0               | 0    | 0               |
| 02-Jul | 334    | 604             | 106    | 286             | 0    | 0               | 0    | 0               |
| 03-Jul | 742    | 1,346           | 302    | 588             | 2    | 2               | 0    | 0               |
| 04-Jul | 1,402  | 2,748           | 2,140  | 2,728           | 0    | 2               | 0    | 0               |
| 05-Jul | 132    | 2,880           | 796    | 3,524           | 0    | 2               | 0    | 0               |
| 06-Jul | 286    | 3,166           | 816    | 4,340           | 2    | 4               | 0    | 0               |
| 07-Jul | 905    | 4,071           | 3,273  | 7,613           | 7    | 11              | 0    | 0               |
| 08-Jul | 772    | 4,843           | 4,029  | 11,642          | 4    | 15              | 0    | 0               |
| 09-Jul | 662    | 5,505           | 5,296  | 16,938          | 2    | 17              | 0    | 0               |
| 10-Jul | 322    | 5,827           | 4,234  | 21,172          | 0    | 17              | 0    | 0               |
| 11-Jul | 586    | 6,413           | 3,112  | 24,284          | 0    | 17              | 0    | 0               |
| 12-Jul | 608    | 7,021           | 5,488  | 29,772          | 0    | 17              | 0    | 0               |
| 13-Jul | 1,156  | 8,177           | 5,870  | 35,642          | 4    | 21              | 0    | 0               |
| 14-Jul | 498    | 8,675           | 2,779  | 38,421          | 2    | 23              | 0    | 0               |
| 15-Jul | 403    | 9,078           | 2,146  | 40,567          | 2    | 25              | 0    | 0               |
| 16-Jul | 246    | 9,324           | 1,806  | 42,373          | 0    | 25              | 0    | 0               |
| 17-Jul | 152    | 9,476           | 758    | 43,131          | 0    | 25              | 0    | 0               |
| 18-Jul | 262    | 9,738           | 1,272  | 44,403          | 0    | 25              | 0    | 0               |
| 19-Jul | 190    | 9,928           | 1,022  | 45,425          | 0    | 25              | 0    | 0               |
| 20-Jul | 310    | 10,238          | 1,014  | 46,439          | 2    | 27              | 0    | 0               |
| 21-Jul | 395    | 10,633          | 2,144  | 48,583          | 0    | 27              | 0    | 0               |
| 22-Jul | 245    | 10,878          | 2,641  | 51,224          | 0    | 27              | 0    | 0               |
| 23-Jul | 102    | 10,980          | 616    | 51,840          | 0    | 27              | 0    | 0               |
| 24-Jul | 42     | 11,022          | 656    | 52,496          | 4    | 31              | 0    | 0               |
| 25-Jul | 18     | 11,040          | 348    | 52,844          | 2    | 33              | 0    | 0               |
| 26-Jul | 38     | 11,078          | 454    | 53,298          | 0    | 33              | 0    | 0               |
| 27-Jul | 34     | 11,112          | 282    | 53,580          | 0    | 33              | 0    | 0               |
| 28-Jul | 49     | 11,161          | 310    | 53,890          | 0    | 33              | 0    | 0               |
| 29-Jul | 116    | 11,277          | 607    | 54,497          | 0    | 33              | 0    | 0               |
| 30-Jul | 124    | 11,401          | 694    | 55,191          | 0    | 33              | 0    | 0               |
| 31-Jul | 62     | 11,463          | 384    | 55,575          | 0    | 33              | 12   | 12              |
| 01-Aug | 22     | 11,485          | 78     | 55,653          | 0    | 33              | 0    | 12              |
| 02-Aug | 48     | 11,533          | 100    | 55,753          | 0    | 33              | 0    | 12              |
| 03-Aug | 16     | 11,549          | 8      | 55,761          | 0    | 33              | 0    | 12              |
| 04-Aug | 9      | 11,558          | 4      | 55,765          | 0    | 33              | 0    | 12              |
| 05-Aug | 9      | 11,567          | 4      | 55,769          | 0    | 33              | 0    | 12              |
| 06-Aug | 10     | 11,577          | 4      | 55,773          | 0    | 33              | 0    | 12              |
| 07-Aug | 2      | 11,579          | 4      | 55,777          | 0    | 33              | 0    | 12              |
| 08-Aug | 6      | 11,585          | 8      | 55,785          | 0    | 33              | 0    | 12              |
| 09-Aug | 8      | 11,593          | 6      | 55,791          | 0    | 33              | 0    | 12              |
| 10-Aug | 4      | 11,597          | 0      | 55,791          | 0    | 33              | 6    | 18              |
| 11-Aug | 8      | 11,605          | 11     | 55,802          | 0    | 33              | 11   | 29              |
| 12-Aug | 5      | 11,610          | 11     | 55,813          | 0    | 33              | 7    | 36              |
| 13-Aug | 7      | 11,617          | 22     | 55,835          | 0    | 33              | 4    | 40              |
| 14-Aug | 0      | 11,617          | 82     | 55,917          | 0    | 33              | 6    | 46              |
| 15-Aug | 0      | 11,617          | 16     | 55,933          | 0    | 33              | 8    | 54              |
| 16-Aug | 0      | 11,617          | 24     | 55,957          | 0    | 33              | 4    | 58              |
| 17-Aug | 0      | 11,617          | 14     | 55,971          | 0    | 33              | 8    | 66              |
| 18-Aug | 0      | 11,617          | 7      | 55,978          | 0    | 33              | 17   | 83              |
| 19-Aug | 0      | 11,617          | 7      | 55,985          | 0    | 33              | 17   | 100             |
| 20-Aug | 0      | 11,617          | 7      | 55,992          | 0    | 33              | 20   | 120             |
| 21-Aug | 0      | 11,617          | 0      | 55,992          | 0    | 33              | 26   | 146             |
| 22-Aug | 0      | 11,617          | 0      | 55,992          | 0    | 33              | 22   | 168             |
| 23-Aug | 0      | 11,617          | 0      | 55,992          | 0    | 33              | 10   | 178             |
| 24-Aug | 0      | 11,617          | 0      | 55,992          | 0    | 33              | 6    | 184             |
| 25-Aug | 0      | 11,617          | 0      | 55,992          | 0    | 33              | 8    | 192             |
| Total  | 11,617 | 11,615          | 55,992 | 55,992          | 33   | 33              | 192  | 192             |

Table 2. Expanded daily hourly chum salmon migration past the Eldorado River counting tower, Norton Sound, 2000.

| Date   | 0000  | 0100  | 0200 | 0300 | 0400 | 0500 | 0600 | 0700 | 0800 | 0900 | 1000 | 1100 | 1200 | 1300 | 1400 | 1500 | 1600 | 1700 | 1800 | 1900 | 2000 | 2100  | 2200 | 2300  | Total  | % of Total |       |       |
|--------|-------|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|-------|--------|------------|-------|-------|
| 29-Jun | 0     | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 0    | 4     | 0.0%   |            |       |       |
| 30-Jun | 0     | 0     | 0    | 8    | 20   | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 0    | 28    | 0.2%   |            |       |       |
| 01-Jul | 66    | 48    | 34   | 26   | 18   | 4    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 0    | 42    | 2.0%   |            |       |       |
| 02-Jul | 10    | 0     | 0    | 146  | 2    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 56   | 104   | 6    | 10    | 334    | 2.9%       |       |       |
| 03-Jul | 4     | 66    | 104  | 98   | 32   | 4    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 4    | 0    | 88   | 176   | 148  | 18    | 742    | 6.4%       |       |       |
| 04-Jul | 62    | 78    | 28   | 18   | 2    | 6    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 102  | 0    | 100  | 292  | 0    | 2    | 110   | 70   | 532   | 1,402  | 12.1%      |       |       |
| 05-Jul | 18    | 12    | 28   | 2    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 18   | 0    | 8    | 0    | 8     | 8    | 30    | 132    | 1.1%       |       |       |
| 06-Jul | 138   | 36    | 16   | 2    | 12   | 4    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 0    | 38    | 40     | 286        | 2.5%  |       |
| 07-Jul | 214   | 384   | 12   | 24   | 34   | 108  | 28   | 0    | 1    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 1    | 15    | 42   | 19    | 23     | 905        | 7.8%  |       |
| 08-Jul | 179   | 285   | 33   | 71   | 28   | 60   | 15   | 0    | 1    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 1    | 15    | 42   | 19    | 23     | 772        | 6.6%  |       |
| 09-Jul | 144   | 186   | 54   | 118  | 22   | 12   | 2    | 0    | 2    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 2    | 30    | 84   | 0     | 6      | 662        | 5.7%  |       |
| 10-Jul | 64    | 122   | 15   | 34   | 0    | 2    | 2    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 2    | 0    | 0    | 0    | 0    | 4    | 0    | 18    | 36   | 22    | 322    | 2.8%       |       |       |
| 11-Jul | 52    | 194   | 88   | 32   | 68   | 30   | 0    | 0    | 6    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 0    | 74    | 42     | 586        | 5.0%  |       |
| 12-Jul | 4     | 168   | 145  | 76   | 2    | 16   | 8    | 50   | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 0    | 14    | 66     | 58         | 608   | 5.2%  |
| 13-Jul | 226   | 268   | 94   | 104  | 32   | 2    | 0    | 4    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 0    | 172   | 94     | 88         | 1,156 | 10.0% |
| 14-Jul | 32    | 145   | 2    | 0    | 26   | 22   | 8    | 0    | 0    | 0    | 0    | 0    | 0    | 12   | 4    | 0    | 0    | 2    | 1    | 5    | 0    | 93    | 55   | 50    | 40     | 496        | 4.3%  |       |
| 15-Jul | 21    | 77    | 4    | 0    | 0    | 17   | 11   | 4    | 0    | 0    | 2    | 5    | 12   | 4    | 0    | 0    | 2    | 1    | 5    | 0    | 93   | 55    | 50   | 40    | 403    | 3.5%       |       |       |
| 16-Jul | 21    | 77    | 4    | 0    | 0    | 17   | 11   | 4    | 0    | 0    | 4    | 10   | 24   | 8    | 0    | 0    | 4    | 2    | 10   | 0    | 0    | 14    | 16   | 12    | 8      | 246        | 2.1%  |       |
| 17-Jul | 10    | 8     | 6    | 0    | 0    | 8    | 0    | 0    | 2    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 12   | 32   | 14   | 10   | 4     | 6    | 40    | 152    | 1.3%       |       |       |
| 18-Jul | 4     | 24    | 42   | 4    | 4    | 8    | 4    | 0    | 0    | 0    | 0    | 4    | 0    | 2    | 0    | 0    | 0    | 0    | 0    | 0    | 8    | 10    | 90   | 18    | 40     | 262        | 2.3%  |       |
| 19-Jul | 36    | 16    | 18   | 14   | 12   | 6    | 2    | 2    | 0    | 4    | 0    | 0    | -2   | -2   | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 16    | 44   | 8     | 16     | 190        | 1.6%  |       |
| 20-Jul | 36    | 6     | 36   | 0    | 2    | 0    | 0    | 4    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 18   | 6    | 4    | 10   | 0     | 108  | 10    | 70     | 310        | 2.7%  |       |
| 21-Jul | 112   | 56    | 40   | 2    | 0    | 2    | 0    | 0    | 0    | 0    | 2    | 0    | 0    | 0    | 0    | 0    | 9    | 3    | 7    | 33   | 24   | 54    | 16   | 35    | 395    | 3.4%       |       |       |
| 22-Jul | 57    | 28    | 20   | 1    | 0    | 1    | 1    | 0    | 0    | 0    | 1    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 10   | 56   | 48    | 0    | 22    | 0      | 245        | 2.1%  |       |
| 23-Jul | 2     | 0     | 0    | 0    | 0    | 0    | 2    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | -2   | 0    | 2    | 4    | 0    | 18   | 52    | 24   | 102   | 0.9%   |            |       |       |
| 24-Jul | 14    | 4     | 2    | 2    | 0    | 2    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 10   | 0     | 8    | 42    | 42     | 0.4%       |       |       |
| 25-Jul | 10    | 4     | 2    | 0    | 0    | 0    | 2    | 0    | -2   | 0    | 0    | 0    | 0    | 2    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 0    | 0     | 18     | 0.2%       |       |       |
| 26-Jul | 6     | 4     | 8    | 2    | 2    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 6    | 4    | 0    | 4    | 0    | 0     | 0    | 2     | 38     | 0.3%       |       |       |
| 27-Jul | 2     | 6     | 8    | 0    | 4    | 0    | 2    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 4    | 0    | 0    | 6    | 0    | 0     | 2    | 34    | 0.3%   |            |       |       |
| 28-Jul | 4     | 0     | 4    | 2    | 0    | 6    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 2    | 6    | 6    | 5    | 2     | 0    | 12    | 49     | 0.4%       |       |       |
| 29-Jul | 4     | 4     | 9    | 41   | 0    | 3    | 1    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 12   | 12   | 4    | 4     | 0    | 22    | 116    | 1.0%       |       |       |
| 30-Jul | 4     | 8     | 14   | 80   | 0    | 0    | 2    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 2    | 6     | 8    | 0     | 124    | 1.1%       |       |       |
| 31-Jul | 0     | 12    | 2    | 6    | 6    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 10   | 0    | 0    | 0    | 2    | 0    | 4    | 18   | 2     | 0    | 0     | 62     | 0.5%       |       |       |
| 01-Aug | 0     | 5     | 12   | 2    | -2   | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 4    | 0    | 0     | 0    | 22    | 0.2%   |            |       |       |
| 02-Aug | 14    | 16    | 8    | 0    | 2    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 2    | 0    | 0    | 6    | 0    | 0    | 0    | 0    | 0     | 0    | 48    | 0.4%   |            |       |       |
| 03-Aug | 4     | 4     | 8    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 0    | 16    | 0.1%   |            |       |       |
| 04-Aug | 2     | 2     | 4    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 1     | 0    | 9     | 0.1%   |            |       |       |
| 05-Aug | 2     | 2     | 4    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 1     | 0    | 9     | 0.1%   |            |       |       |
| 06-Aug | 2     | 2     | 4    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 0    | 10    | 0.1%   |            |       |       |
| 07-Aug | 0     | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 2    | 0    | 0    | 0    | 0     | 0    | 0     | 2      | 0.0%       |       |       |
| 08-Aug | 0     | 1     | 0    | 0    | 0    | 0    | 1    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 4    | 0    | 0    | 0    | 0     | 0    | 0     | 6      | 0.1%       |       |       |
| 09-Aug | 0     | 2     | 0    | 0    | 0    | 0    | 2    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 0    | 8     | 0.1%   |            |       |       |
| 10-Aug | 0     | 0     | 0    | 0    | 0    | 0    | 0    | 4    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 0    | 4     | 0.0%   |            |       |       |
| 11-Aug | 4     | 0     | 2    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 0    | 1     | 8      | 0.1%       |       |       |
| 12-Aug | 2     | 0     | 1    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 1    | 0     | 5      | 0.0%       |       |       |
| 13-Aug | 2     | 0     | 1    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 2     | 0    | 2     | 7      | 0.1%       |       |       |
| 14-Aug | 0     | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 0    | 0     | 0      | 0.0%       |       |       |
| 15-Aug | 0     | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 0    | 0     | 0      | 0.0%       |       |       |
| 16-Aug | 0     | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 0    | 0     | 0      | 0.0%       |       |       |
| 17-Aug | 0     | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 0    | 0     | 0      | 0.0%       |       |       |
| 18-Aug | 0     | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 0    | 0     | 0      | 0.0%       |       |       |
| 19-Aug | 0     | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 0    | 0     | 0      | 0.0%       |       |       |
| 20-Aug | 0     | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 0    | 0     | 0      | 0.0%       |       |       |
| 21-Aug | 0     | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 0    | 0     | 0      | 0.0%       |       |       |
| 22-Aug | 0     | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 0    | 0     | 0      | 0.0%       |       |       |
| 23-Aug | 0     | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 0    | 0     | 0      | 0.0%       |       |       |
| 24-Aug | 0     | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 0    | 0     | 0      | 0.0%       |       |       |
| 25-Aug | 0     | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 0    | 0     | 0      | 0.0%       |       |       |
| Total  | 1,588 | 2,362 | 918  | 815  | 302  | 344  | 118  | 76   | 14   | 4    | 9    | 19   | 46   | 32   | 0    | 102  | 45   | 161  | 389  | 167  | 725  | 1,168 | 828  | 1,285 | 11,617 | 100%       |       |       |
|        | 13.7% | 20.3% | 7.9% | 7.9% | 2.6% | 3.0% | 1.0% | 0.7% | 0.1% | 0.0% | 0.1% | 0.2% | 0.4% | 0.3% |      |      |      |      |      |      |      |       |      |       |        |            |       |       |

Table 3. Expanded daily hourly pink salmon migration past the Eldorado River counting tower, Norton Sound, 2000.

Outlined areas indicate hours not counted. Numbers in outlined areas indicate estimated passage.

| Date   | 0000  | 0100   | 0200  | 0300  | 0400  | 0500  | 0600  | 0700 | 0800 | 0900 | 1000 | 1100 | 1200 | 1300 | 1400 | 1500 | 1600 | 1700 | 1800  | 1900  | 2000  | 2100  | 2200  | 2300  | Total  | % of Total |      |      |
|--------|-------|--------|-------|-------|-------|-------|-------|------|------|------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|--------|------------|------|------|
| 29-Jun | 0     | 0      | 0     | 0     | 0     | 0     | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 0     | 0     | 0     | 0     | 0     | 8      | 0.0%       |      |      |
| 30-Jun | 0     | 12     | 18    | 12    | 12    | 6     | 2     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 0     | 0     | 0     | 0     | 0     | 62     | 0.1%       |      |      |
| 01-Jul | 28    | 20     | 14    | 10    | 0     | 14    | 8     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 0     | 0     | 0     | 0     | 0     | 110    | 0.2%       |      |      |
| 02-Jul | 0     | 0      | 0     | 82    | -2    | 0     | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 0     | 0     | 0     | 0     | 0     | 106    | 0.2%       |      |      |
| 03-Jul | 32    | 36     | 42    | 22    | 14    | 0     | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 0     | 0     | 24    | 56    | 62    | 8      | 302        | 0.5% |      |
| 04-Jul | 38    | 36     | 10    | 4     | 6     | 14    | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 2    | 0    | 0    | 14    | 2     | 212   | 212   | 510   | 1080  | 2,140  | 3.8%       |      |      |
| 05-Jul | 94    | 112    | 124   | 22    | 2     | 0     | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 22    | 0     | 206   | 36    | 92    | 796    | 14.4%      |      |      |
| 06-Jul | 364   | 120    | 52    | 14    | 60    | 18    | 2     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 0     | 0     | 0     | 0     | 104   | 82     | 816        | 1.5% |      |
| 07-Jul | 362   | 652    | 74    | 132   | 176   | 906   | 252   | 22   | 41   | 0    | 3    | 0    | 2    | 0    | 0    | 0    | 0    | 0    | 0     | 36    | 74    | 367   | 65    | 109   | 3,273  | 5.8%       |      |      |
| 08-Jul | 477   | 963    | 240   | 658   | 237   | 526   | 182   | 49   | 41   | 0    | 3    | 0    | 2    | 0    | 0    | 0    | 0    | 0    | 0     | 36    | 74    | 367   | 65    | 109   | 4,029  | 7.2%       |      |      |
| 09-Jul | 592   | 1274   | 406   | 1184  | 298   | 146   | 112   | 76   | 82   | 0    | 6    | 0    | 4    | 0    | 0    | 0    | 0    | 0    | 0     | 72    | 148   | 734   | 26    | 136   | 5,96   | 2.9%       |      |      |
| 10-Jul | 746   | 1412   | 218   | 568   | 82    | 20    | 168   | 22   | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 6     | 0     | 256   | 508   | 228   | 4,234  | 7.6%       |      |      |
| 11-Jul | 406   | 696    | 222   | 138   | 152   | 44    | 34    | 50   | 32   | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 8     | 4     | 32    | 930   | 364   | 3,112  | 5.6%       |      |      |
| 12-Jul | 86    | 1918   | 1134  | 340   | 26    | 142   | 78    | 206  | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 0     | 0     | 0     | 248   | 880   | 430    | 5,488      | 9.8% |      |
| 13-Jul | 1732  | 1116   | 604   | 506   | 220   | 32    | 20    | 28   | 6    | 0    | 2    | 0    | 0    | 8    | 16   | 0    | 0    | 6    | 0     | 0     | 942   | 316   | 130   | 5,870 | 10.5%  |            |      |      |
| 14-Jul | 162   | 738    | 76    | 12    | 0     | 454   | 94    | 94   | 0    | 0    | 0    | 0    | 48   | 16   | 8    | 0    | 6    | 6    | 7     | 15    | 545   | 240   | 116   | 142   | 2,779  | 5.0%       |      |      |
| 15-Jul | 107   | 389    | 46    | 6     | 2     | 238   | 47    | 47   | 0    | 17   | 42   | 56   | 48   | 16   | 8    | 0    | 6    | 6    | 7     | 15    | 545   | 240   | 116   | 142   | 2,146  | 3.8%       |      |      |
| 16-Jul | 107   | 389    | 46    | 6     | 2     | 238   | 47    | 47   | 0    | 34   | 84   | 112  | 96   | 24   | 0    | 0    | 12   | 6    | 14    | 30    | 148   | 164   | 102   | 98    | 1,808  | 3.2%       |      |      |
| 17-Jul | 52    | 40     | 16    | 0     | 4     | 22    | 0     | 0    | 4    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 60   | 126  | 96    | 64    | 84    | 70    | 120   | 758   | 1.4%   |            |      |      |
| 18-Jul | 50    | 80     | 116   | 14    | 4     | 14    | 10    | 0    | 0    | 0    | 0    | 0    | 0    | 10   | 0    | 0    | 22   | 0    | 0     | 62    | 106   | 312   | 206   | 266   | 1,272  | 2.3%       |      |      |
| 19-Jul | 108   | 108    | 132   | 22    | 46    | 26    | 4     | 32   | 14   | 2    | 0    | 0    | 4    | 0    | 2    | 26   | 0    | 0    | 0     | 0     | 178   | 174   | 108   | 36    | 1,022  | 1.8%       |      |      |
| 20-Jul | 316   | 58     | 114   | 12    | 10    | 0     | 0     | 10   | 0    | 8    | 0    | 0    | 0    | 0    | 0    | 0    | 10   | 0    | 30    | 18    | 48    | 134   | 92    | 154   | 1,014  | 1.8%       |      |      |
| 21-Jul | 364   | 222    | 186   | 8     | 0     | 4     | 0     | 0    | 0    | 6    | 24   | 0    | 0    | 0    | 0    | 0    | 5    | 0    | 232   | 263   | 413   | 80    | 249   | 88    | 2,144  | 3.8%       |      |      |
| 22-Jul | 215   | 122    | 97    | 9     | 7     | 2     | 0     | 0    | 0    | 3    | 12   | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 434   | 508   | 778   | 26    | 406   | 22     | 2,641      | 4.7% |      |
| 23-Jul | 66    | 22     | 8     | 10    | 14    | 0     | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 32   | 26   | 54    | 66    | 8     | 16    | 114   | 180   | 616    | 1.1%       |      |      |
| 24-Jul | 262   | 130    | 40    | 12    | 6     | 12    | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 0     | 0     | 0     | 0     | 56    | 656    | 1.2%       |      |      |
| 25-Jul | 118   | 54     | 54    | 22    | 6     | 0     | 4     | 0    | 0    | 0    | 0    | 0    | 0    | 4    | 0    | 0    | 0    | 0    | 14    | 0     | 0     | 0     | 0     | 0     | 72     | 348        | 0.6% |      |
| 26-Jul | 102   | 84     | 138   | 22    | 12    | 0     | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 8    | 0     | 0     | 16    | 0     | 0     | 0     | 72     | 454        | 0.8% |      |
| 27-Jul | 26    | 80     | 16    | 0     | 0     | 0     | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 0     | 26    | 122   | 0     | 0     | 282    | 0.5%       |      |      |
| 28-Jul | 26    | 12     | 10    | 6     | 0     | 0     | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 52    | 66    | 70    | 32    | 0     | 36     | 310        | 0.6% |      |
| 29-Jul | 96    | 50     | 19    | 87    | 0     | 0     | 3     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 0     | 104   | 106   | 18    | 64    | 0      | 60         | 607  | 1.1% |
| 30-Jul | 166   | 88     | 28    | 188   | 0     | 0     | 6     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 0     | 0     | 0     | 40    | 66    | 120    | 12         | 694  | 1.2% |
| 31-Jul | 38    | 64     | 32    | 20    | 75    | 0     | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 16   | 0    | 0    | 0    | 0    | 0     | 0     | 0     | 30    | 88    | 14    | 6      | 384        | 0.7% |      |
| 01-Aug | 0     | 22     | 26    | 14    | 0     | 0     | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 0     | 0     | 0     | 0     | 0     | 78     | 0.1%       |      |      |
| 02-Aug | 42    | 26     | 18    | 0     | 0     | 0     | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 14   | 0     | 0     | 0     | 0     | 0     | 0     | 100    | 0.2%       |      |      |
| 03-Aug | 8     | 0      | 0     | 0     | 0     | 0     | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 0     | 0     | 0     | 0     | 0     | 8      | 0.0%       |      |      |
| 04-Aug | 4     | 0      | 0     | 0     | 0     | 0     | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 0     | 0     | 0     | 0     | 0     | 4      | 0.0%       |      |      |
| 05-Aug | 4     | 0      | 0     | 0     | 0     | 0     | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 0     | 0     | 0     | 0     | 0     | 4      | 0.0%       |      |      |
| 06-Aug | 4     | 0      | 0     | 0     | 0     | 0     | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 0     | 0     | 0     | 0     | 0     | 4      | 0.0%       |      |      |
| 07-Aug | 0     | 0      | 0     | 0     | 0     | 0     | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 3     | 0     | 0     | 1     | 0     | 0     | 4      | 0.0%       |      |      |
| 08-Aug | 0     | 0      | 0     | 0     | 0     | 0     | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 6     | 0     | 0     | 2     | 0     | 0     | 8      | 0.0%       |      |      |
| 09-Aug | 0     | 0      | 0     | 0     | 0     | 0     | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 0     | 0     | 0     | 0     | 0     | 6      | 0.0%       |      |      |
| 10-Aug | 0     | 0      | 0     | 0     | 0     | 0     | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 0     | 0     | 0     | 0     | 0     | 0      | 0          | 0.0% |      |
| 11-Aug | 0     | 0      | 0     | 0     | 0     | 0     | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 0     | 0     | 0     | 0     | 0     | 0      | 0          | 0.0% |      |
| 12-Aug | 0     | 0      | 0     | 0     | 0     | 0     | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 0     | 0     | 0     | 0     | 0     | 0      | 0          | 0.0% |      |
| 13-Aug | 0     | 0      | 0     | 0     | 0     | 0     | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 0     | 0     | 0     | 0     | 0     | 0      | 0          | 0.0% |      |
| 14-Aug | 0     | 0      | 0     | 0     | 0     | 0     | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 4    | 0     | 0     | 0     | 0     | 0     | 0     | 0      | 0          | 0.0% |      |
| 15-Aug | 8     | 4      | 0     | 0     | 2     | 0     | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 0     | 0     | 0     | 0     | 0     | 2      | 0          | 0.0% |      |
| 16-Aug | 0     | 0      | 0     | 0     | 14    | 0     | 0     | 0    | 0    | 0    | 4    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 0     | 0     | 0     | 0     | 0     | 0      | 0          | 0.0% |      |
| 17-Aug | 0     | 4      | 6     | 0     | 0     | 4     | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 0     | 0     | 0     | 0     | 0     | 0      | 0          | 0.0% |      |
| 18-Aug | 0     | 2      | 3     | 0     | 0     | 2     | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 0     | 0     | 0     | 0     | 0     | 0      | 0          | 0.0% |      |
| 19-Aug | 0     | 2      | 3     | 0     | 0     | 2     | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 0     | 0     | 0     | 0     | 0     | 0      | 0          | 0.0% |      |
| 20-Aug | 0     | 2      | 3     | 0     | 0     | 2     | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 0     | 0     | 0     | 0     | 0     | 0      | 0          | 0.0% |      |
| 21-Aug | 0     | 0      | 0     | 0     | 0     | 0     | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 0     | 0     | 0     | 0     | 0     | 0      | 0          | 0.0% |      |
| 22-Aug | 0     | 0      | 0     | 0     | 0     | 0     | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 0     | 0     | 0     | 0     | 0     | 0      | 0          | 0.0% |      |
| 23-Aug | 0     | 0      | 0     | 0     | 0     | 0     | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 0     | 0     | 0     | 0     | 0     | 0      | 0          | 0.0% |      |
| 24-Aug | 0     | 0      | 0     | 0     | 0     | 0     | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 0     | 0     | 0     | 0     | 0     | 0      | 0          | 0.0% |      |
| 25-Aug | 0     | 0      | 0     | 0     | 0     | 0     | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 0     | 0     | 0     | 0     | 0     | 0      | 0          | 0.0% |      |
| Total  | 7,408 | 11,159 | 4,391 | 4,148 | 1,488 | 2,888 | 1,073 | 683  | 220  | 70   | 180  | 168  | 204  | 94   | 38   | 28   | 115  | 205  | 1,094 | 1,513 | 4,696 | 4,854 | 5,041 | 4,434 | 55,992 | 100%       |      |      |
|        | 13.2% | 19.9%  | 7.8%  | 7.4%  | 2.7%  | 5.2%  | 1.9%  | 1.2% | 0.4% | 0.1% | 0.3% | 0.3% | 0.4% | 0.2% | 0.1% | 0.1% | 0.2% | 0.4% | 2.0%  | 2.7%  | 8.4%  | 8.3%  | 9.0%  | 7.9%  | 100.0% |            |      |      |

Table 4. Expanded daily hourly king salmon migration past the Eldorado River counting tower, Norton Sound, 2000.

| Date   | 0000 | 0100 | 0200 | 0300  | 0400 | 0500 | 0600 | 0700 | 0800 | 0900 | 1000 | 1100 | 1200 | 1300 | 1400 | 1500 | 1600 | 1700 | 1800 | 1900 | 2000 | 2100 | 2200 | 2300 | Total   | % of Total |      |
|--------|------|------|------|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|---------|------------|------|
| 29-Jun | 0    | 0    | 0    | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0       | 0.0%       |      |
| 30-Jun | 0    | 0    | 0    | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0       | 0.0%       |      |
| 01-Jul | 0    | 0    | 0    | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0       | 0.0%       |      |
| 02-Jul | 0    | 0    | 0    | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0       | 0.0%       |      |
| 03-Jul | 0    | 0    | 0    | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0       | 2.61%      |      |
| 04-Jul | 0    | 0    | 0    | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0       | 0.0%       |      |
| 05-Jul | 0    | 0    | 0    | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0       | 0.0%       |      |
| 06-Jul | 0    | 0    | 2    | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0       | 2.61%      |      |
| 07-Jul | 0    | 2    | 0    | 4     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 1    | 0    | 0       | 7.21%      |      |
| 08-Jul | 0    | 1    | 0    | 2     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 1    | 0    | 0       | 4.12.1%    |      |
| 09-Jul | 0    | 0    | 0    | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 2    | 0    | 0    | 0       | 6.1%       |      |
| 10-Jul | 0    | 0    | 0    | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0       | 0.0%       |      |
| 11-Jul | 0    | 0    | 0    | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0       | 0.0%       |      |
| 12-Jul | 0    | 0    | 0    | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0       | 0.0%       |      |
| 13-Jul | 0    | 0    | 0    | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 2    | 0    | 0    | 2.12.1% |            |      |
| 14-Jul | 0    | 0    | 0    | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 1    | 0    | 0       | 6.1%       |      |
| 15-Jul | 0    | 0    | 0    | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 1    | 0    | 0       | 6.1%       |      |
| 16-Jul | 0    | 0    | 0    | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0       | 0.0%       |      |
| 17-Jul | 0    | 0    | 0    | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0       | 0.0%       |      |
| 18-Jul | 0    | 0    | 0    | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0       | 0.0%       |      |
| 19-Jul | 0    | 0    | 0    | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0       | 0.0%       |      |
| 20-Jul | 0    | 0    | 0    | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0       | 6.1%       |      |
| 21-Jul | 0    | 0    | 0    | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0       | 0.0%       |      |
| 22-Jul | 0    | 0    | 0    | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0       | 0.0%       |      |
| 23-Jul | 0    | 0    | 0    | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0       | 0.0%       |      |
| 24-Jul | 0    | 0    | 0    | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 4    | 0    | 0    | 4.12.1% |            |      |
| 25-Jul | 0    | 0    | 0    | 2     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0       | 6.1%       |      |
| 26-Jul | 0    | 0    | 0    | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0       | 0.0%       |      |
| 27-Jul | 0    | 0    | 0    | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0       | 0.0%       |      |
| 28-Jul | 0    | 0    | 0    | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0       | 0.0%       |      |
| 29-Jul | 0    | 0    | 0    | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0       | 0.0%       |      |
| 30-Jul | 0    | 0    | 0    | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0       | 0.0%       |      |
| 31-Jul | 0    | 0    | 0    | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0       | 0.0%       |      |
| 01-Aug | 0    | 0    | 0    | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0       | 0.0%       |      |
| 02-Aug | 0    | 0    | 0    | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0       | 0.0%       |      |
| 03-Aug | 0    | 0    | 0    | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0       | 0.0%       |      |
| 04-Aug | 0    | 0    | 0    | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0       | 0.0%       |      |
| 05-Aug | 0    | 0    | 0    | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0       | 0.0%       |      |
| 06-Aug | 0    | 0    | 0    | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0       | 0.0%       |      |
| 07-Aug | 0    | 0    | 0    | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0       | 0.0%       |      |
| 08-Aug | 0    | 0    | 0    | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0       | 0.0%       |      |
| 09-Aug | 0    | 0    | 0    | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0       | 0.0%       |      |
| 10-Aug | 0    | 0    | 0    | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0       | 0.0%       |      |
| 11-Aug | 0    | 0    | 0    | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0       | 0.0%       |      |
| 12-Aug | 0    | 0    | 0    | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0       | 0.0%       |      |
| 13-Aug | 0    | 0    | 0    | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0       | 0.0%       |      |
| 14-Aug | 0    | 0    | 0    | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0       | 0.0%       |      |
| 15-Aug | 0    | 0    | 0    | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0       | 0.0%       |      |
| 16-Aug | 0    | 0    | 0    | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0       | 0.0%       |      |
| 17-Aug | 0    | 0    | 0    | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0       | 0.0%       |      |
| 18-Aug | 0    | 0    | 0    | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0       | 0.0%       |      |
| 19-Aug | 0    | 0    | 0    | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0       | 0.0%       |      |
| 20-Aug | 0    | 0    | 0    | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0       | 0.0%       |      |
| 21-Aug | 0    | 0    | 0    | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0       | 0.0%       |      |
| 22-Aug | 0    | 0    | 0    | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0       | 0.0%       |      |
| 23-Aug | 0    | 0    | 0    | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0       | 0.0%       |      |
| 24-Aug | 0    | 0    | 0    | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0       | 0.0%       |      |
| 25-Aug | 0    | 0    | 0    | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0       | 0.0%       |      |
| Total  | 0    | 3    | 2    | 8     | 0    | 0    | 0    | 0    | 0    | 2    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 6    | 8    | 0    | 4       | 33         | 100% |
|        | 0.0% | 9.1% | 6.1% | 24.2% | 0.0% | 0.0% | 0.0% | 6.1% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0%    | 100.0%     |      |

Table 5. Expanded daily hourly coho salmon migration past the Eldorado River counting tower, Norton Sound, 2000.

| Date   | 0000 | 0100 | 0200  | 0300 | 0400 | 0500 | 0600 | 0700 | 0800 | 0900 | 1000 | 1100 | 1200 | 1300 | 1400 | 1500 | 1600 | 1700 | 1800 | 1900 | 2000 | 2100 | 2200 | 2300 | Total | Total    |        |  |
|--------|------|------|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|----------|--------|--|
| 29-Jun | 0    | 0    | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 0.0%     |        |  |
| 30-Jun | 0    | 0    | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 0.0%     |        |  |
| 01-Jul | 0    | 0    | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 0.0%     |        |  |
| 02-Jul | 0    | 0    | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 0.0%     |        |  |
| 03-Jul | 0    | 0    | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 0.0%     |        |  |
| 04-Jul | 0    | 0    | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 0.0%     |        |  |
| 05-Jul | 0    | 0    | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 0.0%     |        |  |
| 06-Jul | 0    | 0    | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 0.0%     |        |  |
| 07-Jul | 0    | 0    | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 0.0%     |        |  |
| 08-Jul | 0    | 0    | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 0.0%     |        |  |
| 09-Jul | 0    | 0    | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 0.0%     |        |  |
| 10-Jul | 0    | 0    | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 0.0%     |        |  |
| 11-Jul | 0    | 0    | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 0.0%     |        |  |
| 12-Jul | 0    | 0    | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 0.0%     |        |  |
| 13-Jul | 0    | 0    | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 0.0%     |        |  |
| 14-Jul | 0    | 0    | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 0.0%     |        |  |
| 15-Jul | 0    | 0    | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 0.0%     |        |  |
| 16-Jul | 0    | 0    | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 0.0%     |        |  |
| 17-Jul | 0    | 0    | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 0.0%     |        |  |
| 18-Jul | 0    | 0    | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 0.0%     |        |  |
| 19-Jul | 0    | 0    | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 0.0%     |        |  |
| 20-Jul | 0    | 0    | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 0.0%     |        |  |
| 21-Jul | 0    | 0    | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 0.0%     |        |  |
| 22-Jul | 0    | 0    | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 0.0%     |        |  |
| 23-Jul | 0    | 0    | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 0.0%     |        |  |
| 24-Jul | 0    | 0    | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 0.0%     |        |  |
| 25-Jul | 0    | 0    | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 0.0%     |        |  |
| 26-Jul | 0    | 0    | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 0.0%     |        |  |
| 27-Jul | 0    | 0    | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 0.0%     |        |  |
| 28-Jul | 0    | 0    | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 0.0%     |        |  |
| 29-Jul | 0    | 0    | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 0.0%     |        |  |
| 30-Jul | 0    | 0    | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 0.0%     |        |  |
| 31-Jul | 0    | 0    | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 12.63%   |        |  |
| 01-Aug | 0    | 0    | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 0.0%     |        |  |
| 02-Aug | 0    | 0    | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 0.0%     |        |  |
| 03-Aug | 0    | 0    | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 0.0%     |        |  |
| 04-Aug | 0    | 0    | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 0.0%     |        |  |
| 05-Aug | 0    | 0    | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 0.0%     |        |  |
| 06-Aug | 0    | 0    | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 0.0%     |        |  |
| 07-Aug | 0    | 0    | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 0.0%     |        |  |
| 08-Aug | 0    | 0    | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 0.0%     |        |  |
| 09-Aug | 0    | 0    | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 0.0%     |        |  |
| 10-Aug | 0    | 0    | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 8.31%    |        |  |
| 11-Aug | 4    | 0    | 4     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 11.57%   |        |  |
| 12-Aug | 2    | 0    | 2     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 3.86%    |        |  |
| 13-Aug | 2    | 0    | 2     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 2.11%    |        |  |
| 14-Aug | 0    | 0    | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 6.31%    |        |  |
| 15-Aug | 2    | 0    | 6     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 4.22%    |        |  |
| 16-Aug | 0    | 0    | 0     | 2    | 2    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 2.1%     |        |  |
| 17-Aug | 0    | 0    | 2     | 0    | 4    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 8.42%    |        |  |
| 18-Aug | 1    | 0    | 8     | 1    | 2    | 2    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 17.89%   |        |  |
| 19-Aug | 1    | 0    | 8     | 1    | 2    | 2    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 1    | 0    | 0    | 0    | 0    | 0    | 0     | 8.89%    |        |  |
| 20-Aug | 1    | 0    | 8     | 1    | 2    | 2    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 2    | 0    | 0    | 0    | 0    | 0    | 0     | 20.104%  |        |  |
| 21-Aug | 2    | 0    | 14    | 2    | 0    | 4    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 4    | 0    | 0     | 26.135%  |        |  |
| 22-Aug | 0    | 8    | 6     | 0    | 6    | 2    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 22.11.5% |        |  |
| 23-Aug | 2    | 0    | 4     | 0    | 0    | 4    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 10.52%   |        |  |
| 24-Aug | 2    | 0    | 4     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 3.1%     |        |  |
| 25-Aug | 0    | 4    | 0     | 4    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 8.42%    |        |  |
| Total  | 19   | 12   | 58    | 9    | 18   | 18   | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 12   | 4    | 0    | 12   | 0    | 4    | 10   | 6     | 192      | 100%   |  |
|        | 9.9% | 6.3% | 35.4% | 4.7% | 9.4% | 9.4% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 6.3% | 2.1% | 0.0% | 6.3% | 0.0% | 2.1% | 5.2%  | 3.1%     | 100.0% |  |

Table 6. Reported hourly chum salmon observations at the Eldorado River counting tower, Norton Sound, 2000.

| Date   | 0000  | 0100  | 0200 | 0300 | 0400 | 0500 | 0600 | 0700 | 0800 | 0900 | 1000 | 1100 | 1200 | 1300 | 1400 | 1500 | 1600 | 1700 | 1800 | 1900 | 2000 | 2100 | 2200 | 2300  | Total  | % of Total |       |       |
|--------|-------|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|--------|------------|-------|-------|
| 29-Jun | 0     | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 4      | 0.0%       |       |       |
| 30-Jun | 0     | 0     | 0    | 8    | 20   | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 28     | 0.3%       |       |       |
| 01-Jul | 66    | 48    | 34   | 26   | 18   | 4    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 42    | 238    | 2.5%       |       |       |
| 02-Jul | 10    | 0     | 0    | 146  | 2    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 10    | 334    | 3.5%       |       |       |
| 03-Jul | 4     | 66    | 104  | 98   | 32   | 4    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 4    | 0    | 88   | 176  | 148  | 18    | 742    | 7.8%       |       |       |
| 04-Jul | 62    | 78    | 28   | 18   | 2    | 6    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 102  | 100  | 292  | 0    | 2    | 110  | 70   | 532   | 1,402  | 14.7%      |       |       |
| 05-Jul | 18    | 12    | 28   | 2    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 18   | 0    | 8    | 0    | 8    | 30    | 132    | 1.4%       |       |       |
| 06-Jul | 138   | 36    | 16   | 2    | 12   | 4    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 38    | 40     | 286        | 3.0%  |       |
| 07-Jul | 214   | 384   | 12   | 24   | 34   | 108  | 28   | 0    |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |       | 804    | 8.4%       |       |       |
| 08-Jul |       |       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |       | 0      | 0.0%       |       |       |
| 09-Jul | 144   | 186   | 54   | 118  | 22   | 12   | 2    | 0    | 2    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 6     | 662    | 7.0%       |       |       |
| 10-Jul | 64    | 122   | 16   | 34   | 0    | 2    | 2    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 4    | 0    | 18   | 36    | 22     | 322        | 3.4%  |       |
| 11-Jul | 52    | 194   | 88   | 32   | 68   | 30   | 0    | 0    | 6    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 74    | 42     | 586        | 6.2%  |       |
| 12-Jul | 4     | 168   | 146  | 76   | 2    | 16   | 8    | 50   | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 14    | 66     | 58         | 608   | 6.4%  |
| 13-Jul | 226   | 268   | 94   | 104  | 32   | 2    | 0    | 4    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 172   | 94     | 88         | 1,156 | 12.1% |
| 14-Jul | 32    | 146   | 2    | 0    | 0    | 26   | 22   | 8    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 236    | 2.5%       |       |       |
| 15-Jul |       |       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |       | 0      | 0.0%       |       |       |
| 16-Jul |       |       |      |      |      |      |      |      | 0    | 0    | 4    | 10   | 24   | 8    | 0    | 0    | 4    | 2    | 10   | 0    | 14   | 16   | 12   | 8     | 112    | 1.2%       |       |       |
| 17-Jul | 10    | 8     | 6    | 0    | 0    | 8    | 0    | 0    | 2    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 12   | 32   | 14   | 10   | 4    | 6    | 40    | 152    | 1.6%       |       |       |
| 18-Jul | 4     | 24    | 42   | 4    | 4    | 8    | 4    | 0    | 0    | 0    | 0    | 4    | 0    | 2    | 0    | 0    | 0    | 0    | 0    | 8    | 10   | 90   | 18   | 40    | 262    | 2.8%       |       |       |
| 19-Jul | 36    | 16    | 18   | 14   | 12   | 6    | 2    | 2    | 0    | 4    | 0    | 0    | -2   | -2   | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 16   | 44   | 8     | 190    | 2.0%       |       |       |
| 20-Jul | 36    | 6     | 36   | 0    | 2    | 0    | 0    | 4    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 18   | 6    | 4    | 10   | 0    | 108  | 10    | 310    | 3.3%       |       |       |
| 21-Jul | 112   | 56    | 40   | 2    | 0    | 2    | 0    | 0    | 0    | 0    | 2    | 0    |      |      |      |      |      |      |      |      |      |      |      | 214   | 2.2%   |            |       |       |
| 22-Jul |       |       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |       | 136    | 1.4%       |       |       |
| 23-Jul | 2     | 0     | 0    | 0    | 0    | 0    | 2    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | -2   | 0    | 2    | 4    | 0    | 18   | 52    | 102    | 1.1%       |       |       |
| 24-Jul | 14    | 4     | 2    | 2    | 0    | 2    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 42     | 0.4%       |       |       |
| 25-Jul | 10    | 4     | 2    | 0    | 0    | 0    | 2    | 0    | -2   | 0    | 0    | 0    | 0    | 2    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 18     | 0.2%       |       |       |
| 26-Jul | 6     | 4     | 8    | 2    | 2    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 6    | 4    | 0    | 4    | 0    | 0    | 0     | 38     | 0.4%       |       |       |
| 27-Jul | 2     | 6     | 8    | 0    | 4    | 0    | 2    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 4    | 0    | 0    | 6    | 0    | 0    | 0     | 34     | 0.4%       |       |       |
| 28-Jul | 4     | 0     | 4    | 2    | 0    | 6    | 0    | 0    | 0    | 0    | 0    |      |      |      |      |      |      |      |      |      |      |      |      | 16    | 0.2%   |            |       |       |
| 29-Jul |       |       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |       | 54     | 0.6%       |       |       |
| 30-Jul | 4     | 8     | 14   | 80   | 0    | 0    | 2    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 2    | 6    | 8     | 124    | 1.3%       |       |       |
| 31-Jul | 0     | 12    | 2    | 6    | 6    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 10   | 0    | 0    | 0    | 2    | 0    | 4    | 18   | 2    | 0    | 0     | 62     | 0.7%       |       |       |
| 01-Aug | 0     | 6     | 12   | 2    | -2   | 0    | 0    | 0    |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |       | 22     | 0.2%       |       |       |
| 02-Aug | 14    | 16    | 8    | 0    | 2    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 2    | 0    | 0    | 6    | 0    | 0    | 0    | 0    | 0    | 0     | 48     | 0.5%       |       |       |
| 03-Aug | 4     | 4     | 8    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 16     | 0.2%       |       |       |
| 04-Aug |       |       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |       | 0      | 0.0%       |       |       |
| 05-Aug |       |       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |       | 0      | 0.0%       |       |       |
| 06-Aug |       |       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |       | 2      | 0.0%       |       |       |
| 07-Aug | 0     | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 0      | 0          | 0.0%  |       |
| 08-Aug |       |       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |       | 4      | 0.0%       |       |       |
| 09-Aug | 0     | 2     | 0    | 0    | 0    | 0    | 0    | 2    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 8      | 0.1%       |       |       |
| 10-Aug | 0     | 0     | 0    | 0    | 0    | 0    | 0    | 4    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 6    | 0    | 0    | 0    | 0    | 0    | 0     | 4      | 0.0%       |       |       |
| 11-Aug | 4     | 0     | 2    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 6      | 0.1%       |       |       |
| 12-Aug |       |       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |       | 0      | 0.0%       |       |       |
| 13-Aug |       |       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |       | 4      | 0.0%       |       |       |
| 14-Aug | 0     | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 0      | 0          | 0.0%  |       |
| 15-Aug | 0     | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 0      | 0          | 0.0%  |       |
| 16-Aug | 0     | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 0      | 0          | 0.0%  |       |
| 17-Aug | 0     | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 0      | 0          | 0.0%  |       |
| 18-Aug |       |       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |       | 0      | 0.0%       |       |       |
| 19-Aug |       |       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |       | 0      | 0.0%       |       |       |
| 20-Aug |       |       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |       | 0      | 0.0%       |       |       |
| 21-Aug | 0     | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 0      | 0          | 0.0%  |       |
| 22-Aug | 0     | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 0      | 0          | 0.0%  |       |
| 23-Aug | 0     | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 0      | 0          | 0.0%  |       |
| 24-Aug | 0     | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 0      | 0          | 0.0%  |       |
| 25-Aug | 0     | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 0      | 0          | 0.0%  |       |
| Total  | 1,296 | 1,884 | 834  | 802  | 274  | 246  | 78   | 68   | 12   | 4    | 6    | 14   | 22   | 24   | 0    | 102  | 32   | 152  | 366  | 126  | 480  | 916  | 672  | 1,110 | 9,520  | 100%       |       |       |
|        | 13.6% | 19.8% | 8.8% | 8.4% | 2.9% | 2.6% | 0.8% | 0.7% | 0.1% | 0.0% | 0.1% | 0.1% | 0.2% | 0.3% | 0.0% | 1.1% | 0.3% | 1.6% | 3.8% | 1.3% | 5.0% | 9.8% | 7.1% | 11.7% | 100.0% |            |       |       |

Table 7. Reported hourly pink salmon observations at the Eldorado River counting tower, Norton Sound, 2000.

| Date   | 0000  | 0100  | 0200  | 0300  | 0400  | 0500  | 0600 | 0700 | 0800 | 0900 | 1000 | 1100 | 1200 | 1300 | 1400 | 1500 | 1600 | 1700 | 1800 | 1900  | 2000  | 2100  | 2200  | 2300  | Total  | % of Total |      |
|--------|-------|-------|-------|-------|-------|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|--------|------------|------|
| 29-Jun | 0     | 0     | 0     | 0     | 0     | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 0     | 0     | 0     | 8     | 8      | 0.0%       |      |
| 30-Jun | 0     | 12    | 18    | 12    | 12    | 6     | 2    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 0     | 0     | 0     | 0     | 62     | 0.1%       |      |
| 01-Jul | 28    | 20    | 14    | 10    | 0     | 14    | 8    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 0     | 0     | 0     | 16    | 110    | 0.2%       |      |
| 02-Jul | 0     | 0     | 0     | 82    | -2    | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 0     | 0     | 0     | 6     | 106    | 0.2%       |      |
| 03-Jul | 32    | 36    | 42    | 22    | 14    | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 6     | 0     | 24    | 56    | 62    | 8      | 302        | 0.7% |
| 04-Jul | 38    | 36    | 10    | 4     | 6     | 14    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 2    | 0    | 14   | 2    | 212   | 212   | 510   | 1080  | 2,140 | 4.8%   |            |      |
| 05-Jul | 94    | 112   | 124   | 22    | 2     | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 86   | 0    | 22    | 0     | 206   | 36    | 92    | 796    | 1.8%       |      |
| 06-Jul | 364   | 120   | 52    | 14    | 60    | 18    | 2    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 0     | 0     | 0     | 104   | 82     | 816        | 1.8% |
| 07-Jul | 362   | 652   | 74    | 132   | 176   | 906   | 252  | 22   |      |      |      |      |      |      |      |      |      |      |      |       |       |       |       |       | 2,576  | 5.8%       |      |
| 08-Jul |       |       |       |       |       |       |      |      |      |      |      |      |      |      |      |      |      |      |      |       |       |       |       |       | 0      | 0.0%       |      |
| 09-Jul | 592   | 1274  | 406   | 1184  | 298   | 146   | 112  | 76   | 82   | 0    | 6    | 0    | 4    | 0    | 0    | 0    | 0    | 0    | 0    | 72    | 148   | 734   | 26    | 136   | 5,296  | 11.8%      |      |
| 10-Jul | 746   | 1412  | 218   | 568   | 82    | 20    | 168  | 22   | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 6     | 0     | 256   | 508   | 228   | 4,234  | 9.5%       |      |
| 11-Jul | 406   | 696   | 222   | 138   | 152   | 44    | 34   | 50   | 32   | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 8     | 4     | 32    | 930   | 364   | 3,112  | 7.0%       |      |
| 12-Jul | 86    | 1918  | 1134  | 340   | 26    | 142   | 78   | 206  | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 0     | 248   | 880   | 430   | 5,488  | 12.3%      |      |
| 13-Jul | 1732  | 1116  | 604   | 506   | 220   | 32    | 20   | 28   | 6    | 0    | 2    | 0    | 0    | 8    | 16   | 0    | 0    | 6    | 0    | 0     | 942   | 316   | 130   | 186   | 5,870  | 13.1%      |      |
| 14-Jul | 162   | 738   | 76    | 12    | 0     | 454   | 94   | 94   | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 0     | 0     | 0     | 0     | 1,630  | 3.6%       |      |
| 15-Jul |       |       |       |       |       |       |      |      |      |      |      |      |      |      |      |      |      |      |      |       |       |       |       |       | 0      | 0.0%       |      |
| 16-Jul |       |       |       |       |       |       |      |      |      |      |      |      |      |      |      |      |      |      |      |       |       |       |       |       | 924    | 2.1%       |      |
| 17-Jul | 52    | 40    | 16    | 0     | 4     | 22    | 0    | 0    | 4    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 60   | 126  | 96    | 64    | 84    | 70    | 120   | 758    | 1.7%       |      |
| 18-Jul | 50    | 80    | 116   | 14    | 4     | 14    | 10   | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 22   | 0    | 0    | 62    | 106   | 312   | 206   | 266   | 1,272  | 2.8%       |      |
| 19-Jul | 108   | 108   | 132   | 22    | 46    | 26    | 4    | 32   | 14   | 2    | 0    | 0    | 4    | 0    | 2    | 26   | 0    | 0    | 0    | 178   | 174   | 108   | 36    | 1,022 | 2.3%   |            |      |
| 20-Jul | 316   | 58    | 114   | 12    | 10    | 0     | 0    | 10   | 0    | 8    | 0    | 0    | 0    | 0    | 0    | 0    | 10   | 30   | 18   | 48    | 134   | 92    | 154   | 1,014 | 2.3%   |            |      |
| 21-Jul | 364   | 222   | 186   | 8     | 0     | 4     | 0    | 0    | 0    | 6    | 24   | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 0     | 0     | 0     | 814   | 1.8%   |            |      |
| 22-Jul |       |       |       |       |       |       |      |      |      |      |      |      |      |      |      |      |      |      |      |       |       |       |       |       | 2,174  | 4.9%       |      |
| 23-Jul | 66    | 22    | 8     | 10    | 14    | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 32   | 26   | 54   | 66    | 8     | 16    | 114   | 180   | 616    | 1.4%       |      |
| 24-Jul | 262   | 130   | 40    | 12    | 6     | 12    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 138   | 0     | 56    | 656   | 1.5%   |            |      |
| 25-Jul | 118   | 54    | 54    | 22    | 6     | 0     | 4    | 0    | 0    | 0    | 0    | 0    | 0    | 4    | 0    | 0    | 0    | 0    | 14   | 0     | 0     | 0     | 0     | 72    | 348    | 0.8%       |      |
| 26-Jul | 102   | 84    | 138   | 22    | 12    | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 8    | 0    | 0    | 16    | 0     | 0     | 0     | 72    | 454    | 1.0%       |      |
| 27-Jul | 26    | 80    | 16    | 0     | 0     | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 26    | 122   | 0     | 0     | 12    | 282    | 0.6%       |      |
| 28-Jul | 26    | 12    | 10    | 6     | 0     | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 0     | 0     | 0     | 54    | 0.1%   |            |      |
| 29-Jul |       |       |       |       |       |       |      |      |      |      |      |      |      |      |      |      |      |      |      |       |       |       |       |       | 352    | 0.8%       |      |
| 30-Jul | 166   | 88    | 28    | 168   | 0     | 0     | 6    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 40    | 66    | 120   | 12    | 694    | 1.8%       |      |
| 31-Jul | 38    | 64    | 32    | 20    | 76    | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 16   | 0    | 0    | 0    | 0    | 0    | 30    | 88    | 14    | 6     | 0     | 384    | 0.9%       |      |
| 01-Aug | 0     | 22    | 26    | 14    | 0     | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 16    | 0     | 0     | 0     | 78     | 0.2%       |      |
| 02-Aug | 42    | 26    | 18    | 0     | 0     | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 14   | 0    | 0    | 0     | 0     | 0     | 0     | 0     | 100    | 0.2%       |      |
| 03-Aug | 8     | 0     | 0     | 0     | 0     | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 0     | 0     | 0     | 0     | 8      | 0.0%       |      |
| 04-Aug |       |       |       |       |       |       |      |      |      |      |      |      |      |      |      |      |      |      |      |       |       |       |       |       | 0      | 0.0%       |      |
| 05-Aug |       |       |       |       |       |       |      |      |      |      |      |      |      |      |      |      |      |      |      |       |       |       |       |       | 0      | 0.0%       |      |
| 06-Aug |       |       |       |       |       |       |      |      |      |      |      |      |      |      |      |      |      |      |      |       |       |       |       |       | 0      | 0.0%       |      |
| 07-Aug | 0     | 0     | 0     | 0     | 0     | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 0     | 0     | 0     | 0     | 0      | 0          | 0    |
| 08-Aug |       |       |       |       |       |       |      |      |      |      |      |      |      |      |      |      |      |      |      |       |       |       |       |       | 0      | 0.0%       |      |
| 09-Aug | 0     | 0     | 0     | 0     | 0     | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 0     | 0     | 0     | 0     | 0      | 0          | 0    |
| 10-Aug | 0     | 0     | 0     | 0     | 0     | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 0     | 0     | 0     | 0     | 0      | 0          | 0    |
| 11-Aug | 0     | 0     | 0     | 0     | 0     | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 0     | 0     | 0     | 0     | 0      | 0          | 0    |
| 12-Aug |       |       |       |       |       |       |      |      |      |      |      |      |      |      |      |      |      |      |      |       |       |       |       |       | 0      | 0.0%       |      |
| 13-Aug |       |       |       |       |       |       |      |      |      |      |      |      |      |      |      |      |      |      |      |       |       |       |       |       | 22     | 0.0%       |      |
| 14-Aug | 0     | 0     | 0     | 0     | 0     | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 4    | 0    | 0    | 0    | 0    | 0     | 18    | 54    | 6     | 0     | 82     | 0.2%       |      |
| 15-Aug | 8     | 4     | 0     | 0     | 2     | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 0     | 0     | 0     | 0     | 16     | 0.0%       |      |
| 16-Aug | 0     | 0     | 0     | 6     | 14    | 0     | 0    | 0    | 0    | 0    | 4    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 0     | 0     | 0     | 0     | 24     | 0.1%       |      |
| 17-Aug | 0     | 4     | 6     | 0     | 0     | 4     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 0     | 0     | 0     | 0     | 14     | 0.0%       |      |
| 18-Aug |       |       |       |       |       |       |      |      |      |      |      |      |      |      |      |      |      |      |      |       |       |       |       |       | 0      | 0.0%       |      |
| 19-Aug |       |       |       |       |       |       |      |      |      |      |      |      |      |      |      |      |      |      |      |       |       |       |       |       | 0      | 0.0%       |      |
| 20-Aug |       |       |       |       |       |       |      |      |      |      |      |      |      |      |      |      |      |      |      |       |       |       |       |       | 0      | 0.0%       |      |
| 21-Aug | 0     | 0     | 0     | 0     | 0     | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 0     | 0     | 0     | 0     | 0      | 0          | 0    |
| 22-Aug | 0     | 0     | 0     | 0     | 0     | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 0     | 0     | 0     | 0     | 0      | 0          | 0    |
| 23-Aug | 0     | 0     | 0     | 0     | 0     | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 0     | 0     | 0     | 0     | 0      | 0          | 0    |
| 24-Aug | 0     | 0     | 0     | 0     | 0     | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 0     | 0     | 0     | 0     | 0      | 0          | 0    |
| 25-Aug | 0     | 0     | 0     | 0     | 0     | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 0     | 0     | 0     | 0     | 0      | 0          | 0    |
| Total  | 6,394 | 9,240 | 3,934 | 3,382 | 1,240 | 1,878 | 794  | 540  | 138  | 50   | 120  | 112  | 104  | 62   | 22   | 28   | 98   | 190  | 796  | 1,078 | 2,974 | 3,324 | 4,422 | 3,802 | 44,722 | 100%       |      |
|        | 14.3% | 20.7% | 8.8%  | 7.6%  | 2.8%  | 4.2%  | 1.8% | 1.2% | 0.3% | 0.1% | 0.3% | 0.3% | 0.2% | 0.1% | 0.0% | 0.1% | 0.2% | 0.2% | 0.4% | 1.8%  | 2.4%  | 6.6%  | 7.4%  | 9.9%  | 8.5%   | 100.0%     |      |

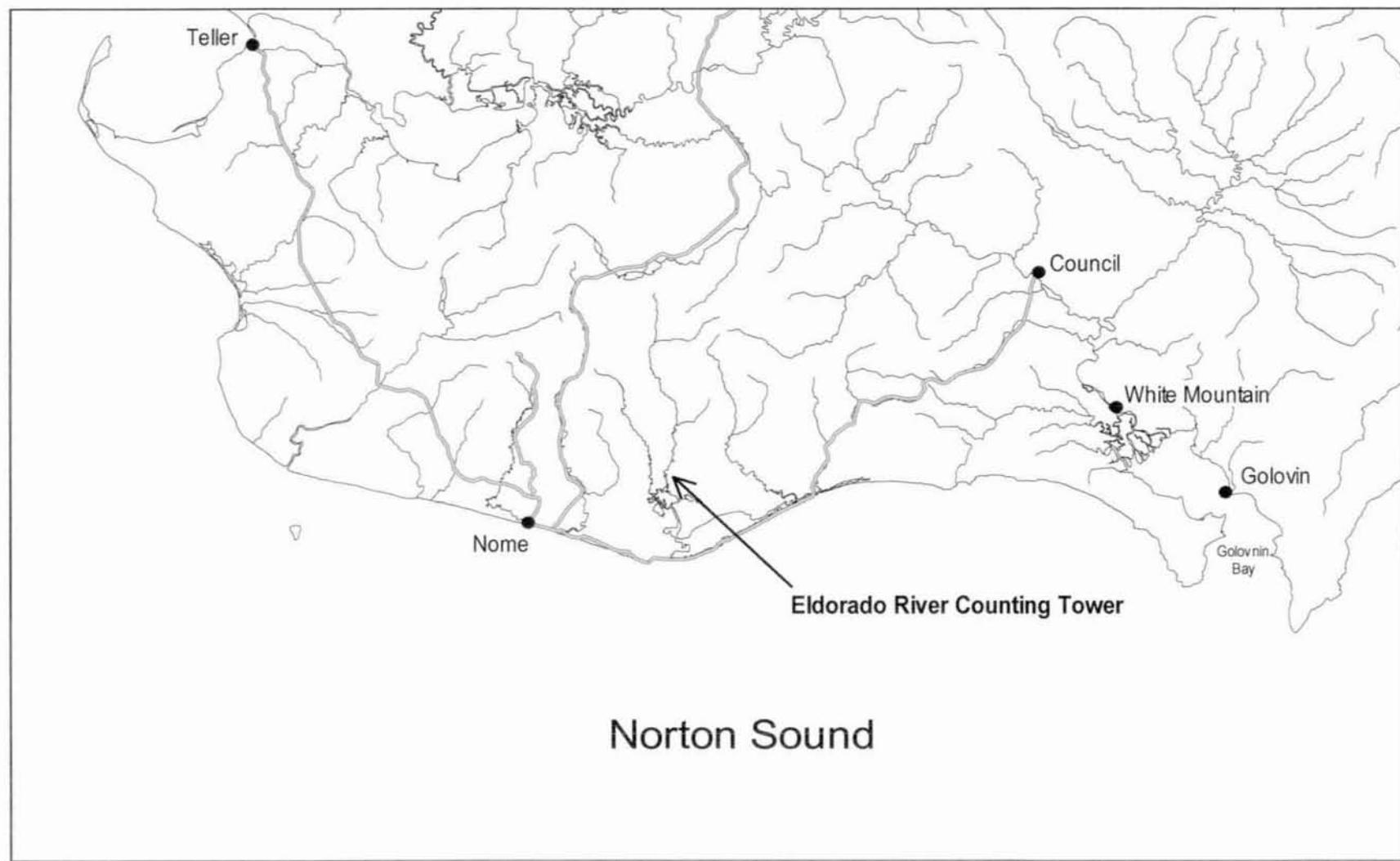
Table 8. Reported hourly king salmon observations at the Eldorado River counting tower, Norton Sound, 2000.

Outlined areas indicate hours not counted

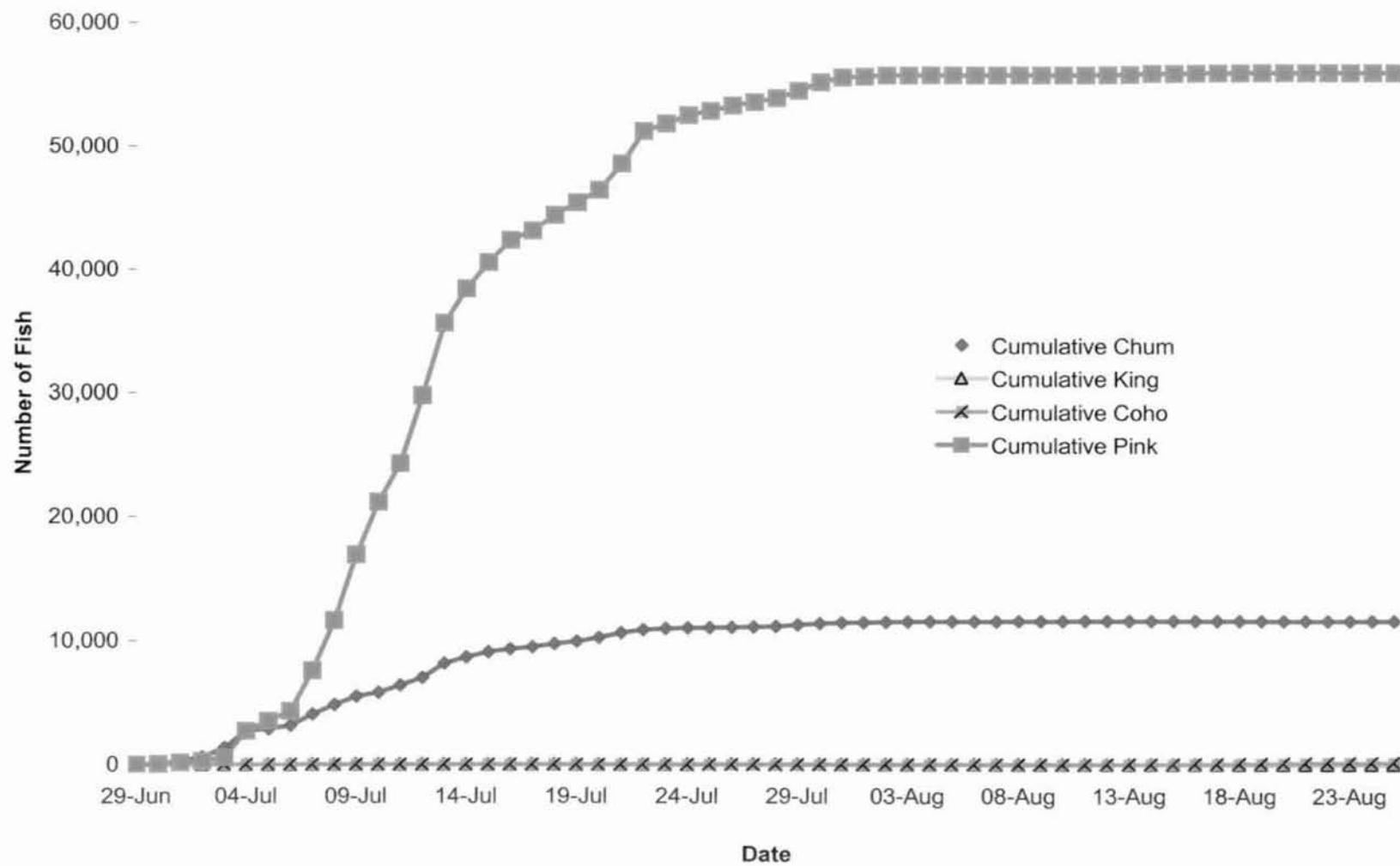
Table 9. Reported hourly coho salmon observations at the Eldorado River counting tower, Norton Sound, 2000.

| Date   | 0000 | 0100 | 0200  | 0300 | 0400 | 0500 | 0600 | 0700 | 0800 | 0900 | 1000 | 1100 | 1200 | 1300 | 1400 | 1500 | 1600 | 1700 | 1800 | 1900 | 2000 | 2100 | 2200 | 2300 | Total | % of Total |      |
|--------|------|------|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------------|------|
| 29-Jun | 0    | 0    | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 0.0%       |      |
| 30-Jun | 0    | 0    | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 0.0%       |      |
| 01-Jul | 0    | 0    | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 0.0%       |      |
| 02-Jul | 0    | 0    | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 0.0%       |      |
| 03-Jul | 0    | 0    | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 0.0%       |      |
| 04-Jul | 0    | 0    | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 0.0%       |      |
| 05-Jul | 0    | 0    | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 0.0%       |      |
| 06-Jul | 0    | 0    | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 0.0%       |      |
| 07-Jul | 0    | 0    | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 0.0%       |      |
| 08-Jul | 0    | 0    | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 0.0%       |      |
| 09-Jul | 0    | 0    | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 0.0%       |      |
| 10-Jul | 0    | 0    | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 0.0%       |      |
| 11-Jul | 0    | 0    | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 0.0%       |      |
| 12-Jul | 0    | 0    | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 0.0%       |      |
| 13-Jul | 0    | 0    | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 0.0%       |      |
| 14-Jul | 0    | 0    | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 0.0%       |      |
| 15-Jul | 0    | 0    | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 0.0%       |      |
| 16-Jul | 0    | 0    | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 0.0%       |      |
| 17-Jul | 0    | 0    | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 0.0%       |      |
| 18-Jul | 0    | 0    | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 0.0%       |      |
| 19-Jul | 0    | 0    | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 0.0%       |      |
| 20-Jul | 0    | 0    | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 0.0%       |      |
| 21-Jul | 0    | 0    | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 0.0%       |      |
| 22-Jul | 0    | 0    | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 0.0%       |      |
| 23-Jul | 0    | 0    | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 0.0%       |      |
| 24-Jul | 0    | 0    | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 0.0%       |      |
| 25-Jul | 0    | 0    | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 0.0%       |      |
| 26-Jul | 0    | 0    | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 0.0%       |      |
| 27-Jul | 0    | 0    | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 0.0%       |      |
| 28-Jul | 0    | 0    | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 0.0%       |      |
| 29-Jul | 0    | 0    | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 0.0%       |      |
| 30-Jul | 0    | 0    | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 0.0%       |      |
| 31-Jul | 0    | 0    | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 9.4%       |      |
| 01-Aug | 0    | 0    | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 0.0%       |      |
| 02-Aug | 0    | 0    | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 0.0%       |      |
| 03-Aug | 0    | 0    | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 0.0%       |      |
| 04-Aug | 0    | 0    | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 0.0%       |      |
| 05-Aug | 0    | 0    | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 0.0%       |      |
| 06-Aug | 0    | 0    | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 0.0%       |      |
| 07-Aug | 0    | 0    | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 0.0%       |      |
| 08-Aug | 0    | 0    | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 0.0%       |      |
| 09-Aug | 0    | 0    | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 0.0%       |      |
| 10-Aug | 0    | 0    | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 4.7%       |      |
| 11-Aug | 4    | 0    | 4     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 6.3%       |      |
| 12-Aug | 0    | 0    | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 0.0%       |      |
| 13-Aug | 0    | 0    | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 0.0%       |      |
| 14-Aug | 0    | 0    | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 4.7%       |      |
| 15-Aug | 2    | 0    | 6     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 6.3%       |      |
| 16-Aug | 0    | 0    | 0     | 0    | 2    | 2    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 3.1%       |      |
| 17-Aug | 0    | 0    | 2     | 0    | 4    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 4.7%       |      |
| 18-Aug | 0    | 0    | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 0.0%       |      |
| 19-Aug | 0    | 0    | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 0.0%       |      |
| 20-Aug | 0    | 0    | 0     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 4.7%       |      |
| 21-Aug | 2    | 0    | 14    | 2    | 0    | 4    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 20.3%      |      |
| 22-Aug | 0    | 8    | 6     | 0    | 6    | 2    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 17.2%      |      |
| 23-Aug | 2    | 0    | 4     | 0    | 0    | 4    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 7.8%       |      |
| 24-Aug | 2    | 0    | 4     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 4.7%       |      |
| 25-Aug | 0    | 4    | 0     | 4    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0     | 6.3%       |      |
| Total  | 12   | 12   | 40    | 6    | 12   | 12   | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 6    | 2    | 0    | 0    | 0    | 4    | 4    | 6     | 126        | 100% |
|        | 9.4% | 9.4% | 31.3% | 4.7% | 9.4% | 9.4% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 4.7% | 1.6% | 0.0% | 9.4% | 0.0% | 3.1% | 3.1% | 4.7%  |            |      |

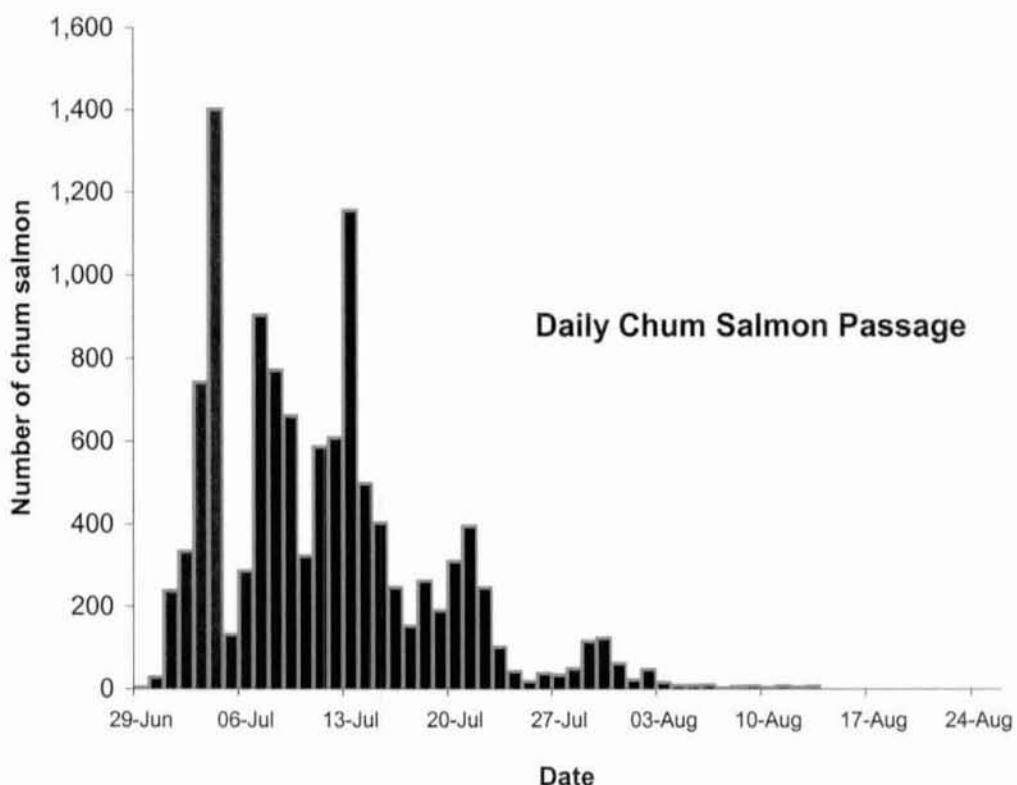
Figure 1. Area location map of the Eldorado River counting tower project site, Norton Sound, 2000.



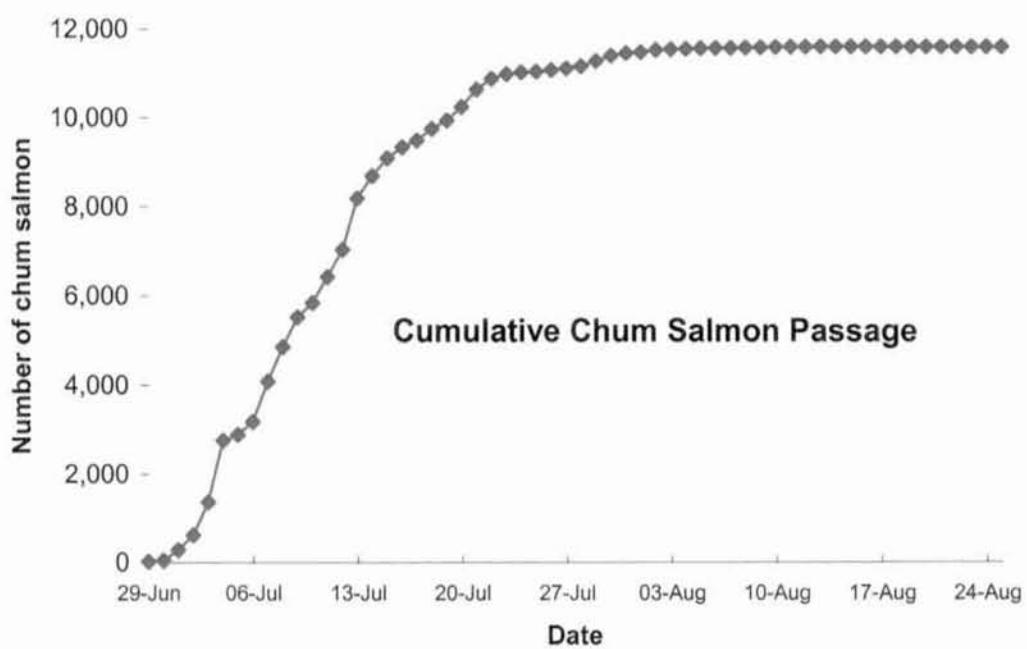
**Figure 2. Cumulative migration of all salmon species past the Eldorado River counting tower, Norton Sound, 2000.**



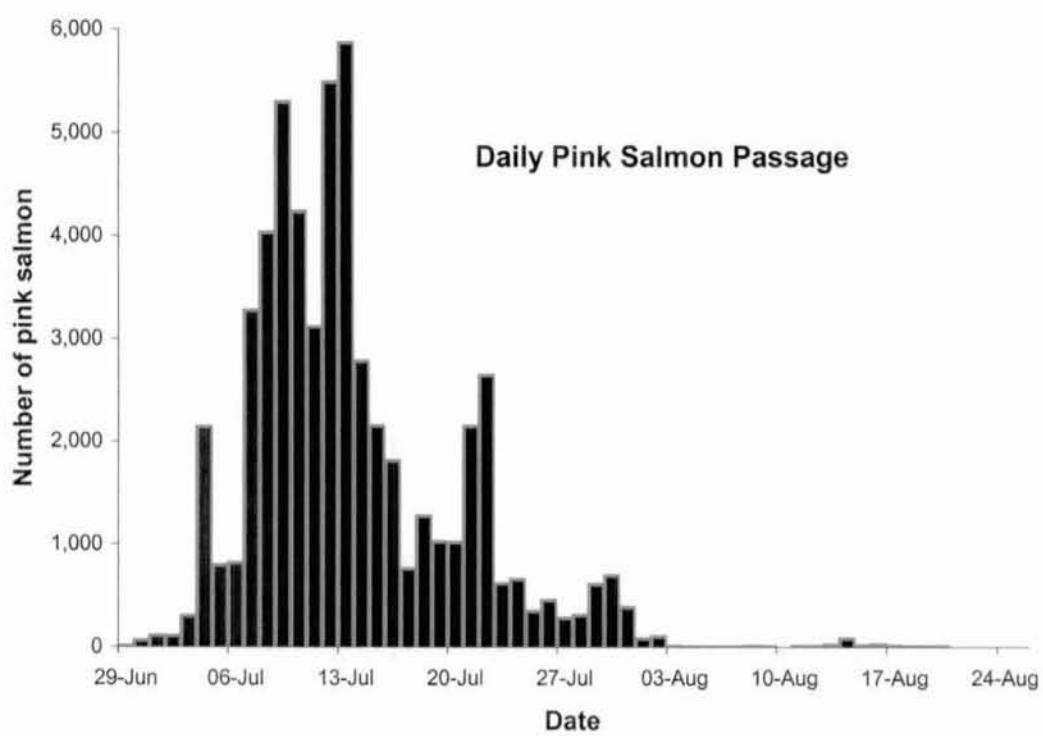
**Figure 3. Daily chum salmon migration past the Eldorado River counting tower, Norton Sound, 2000.**



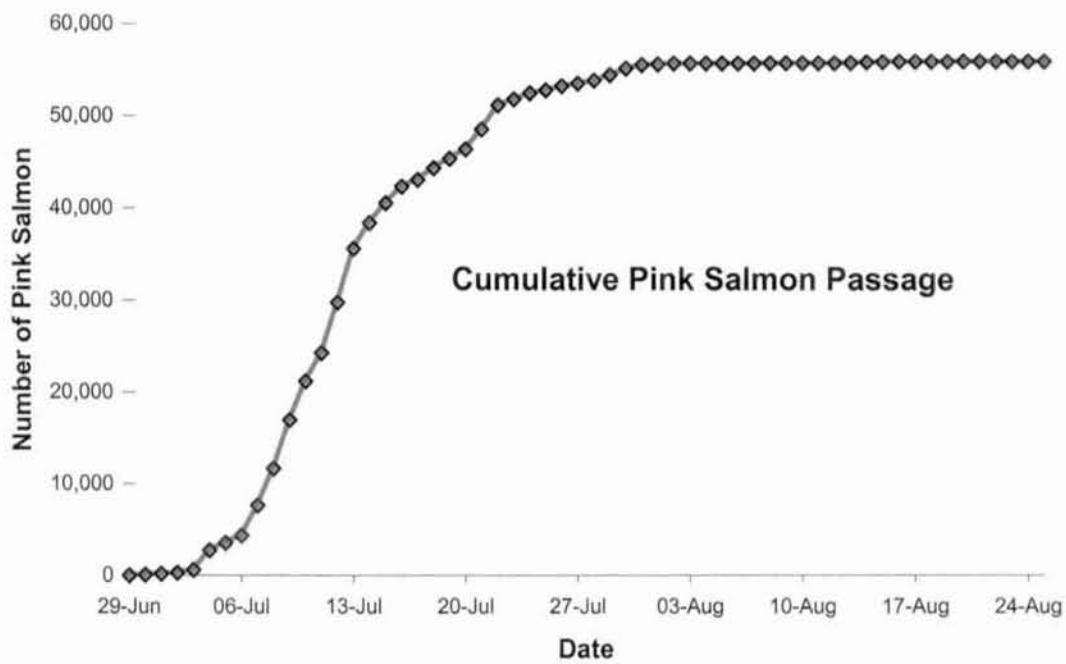
**Figure 4. Cumulative chum salmon migration past the Eldorado River counting tower, Norton Sound, 2000.**



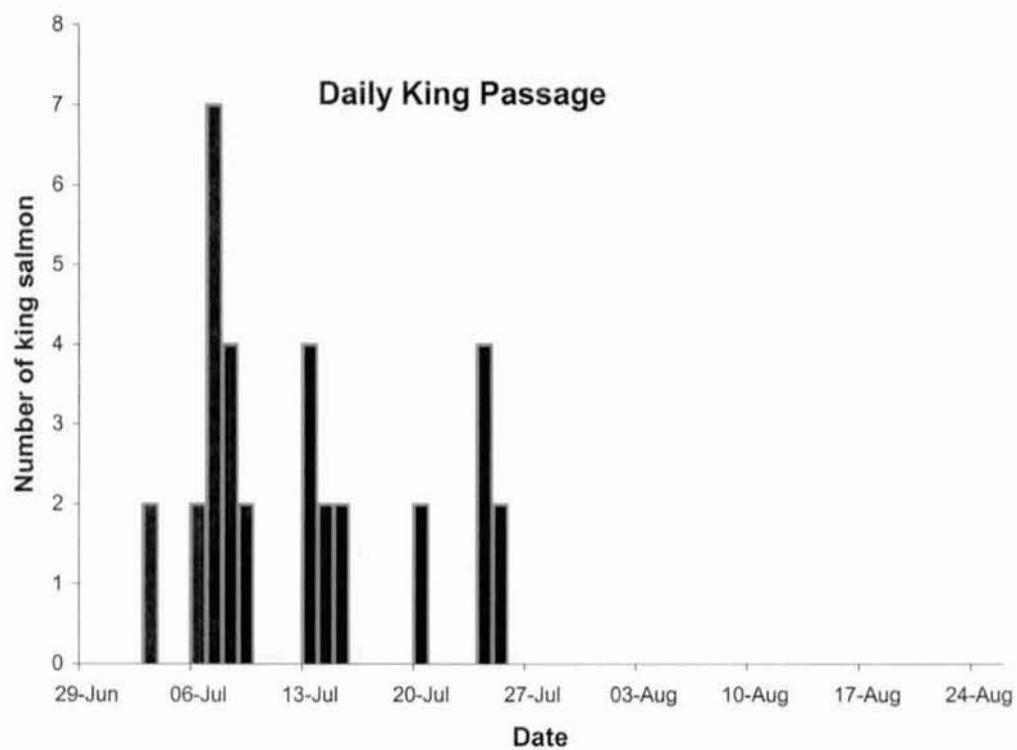
**Figure 5. Daily pink salmon migration past the Eldorado River counting tower, Norton Sound, 2000.**



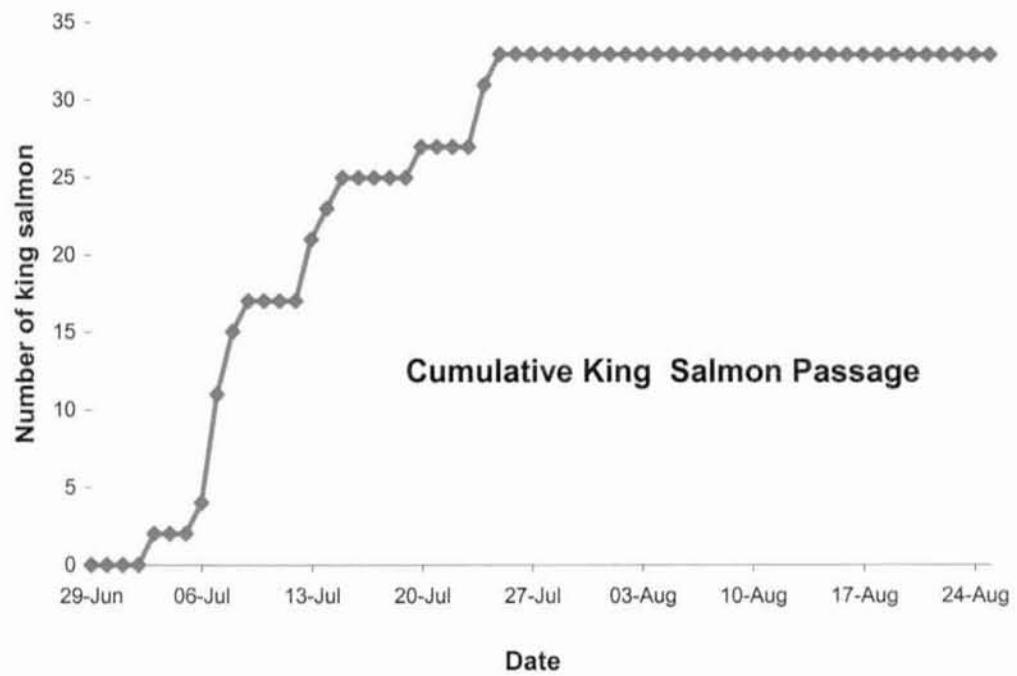
**Figure 6. Cumulative pink salmon migration past the Eldorado River counting tower, Norton Sound, 2000.**



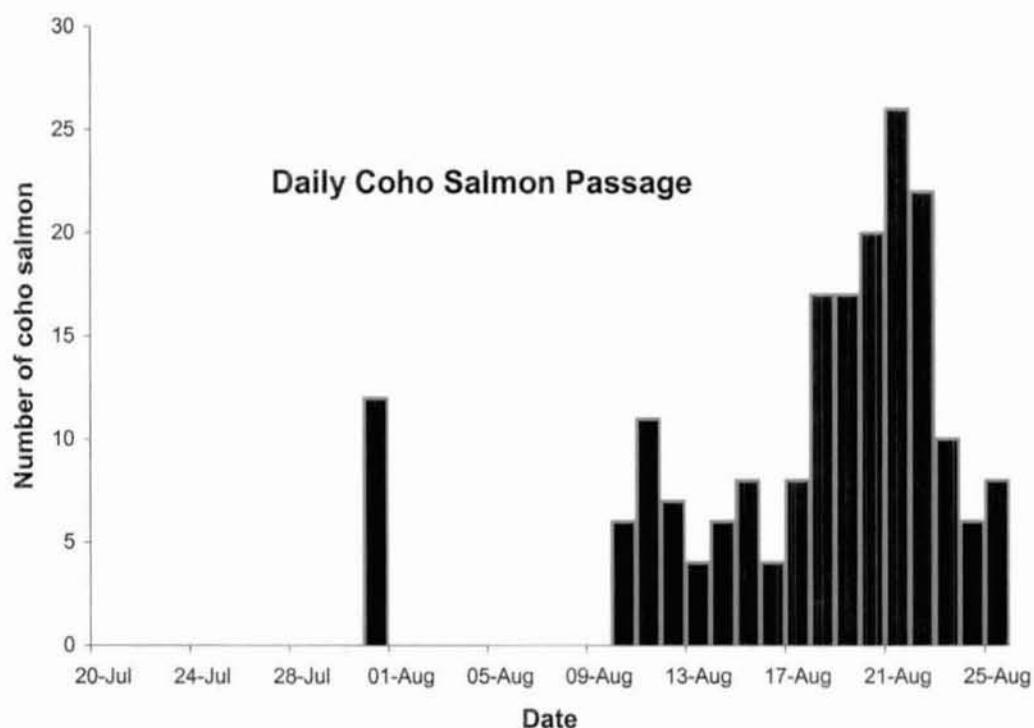
**Figure 7. Daily king salmon migration past the Eldorado River counting tower, Norton Sound, 2000.**



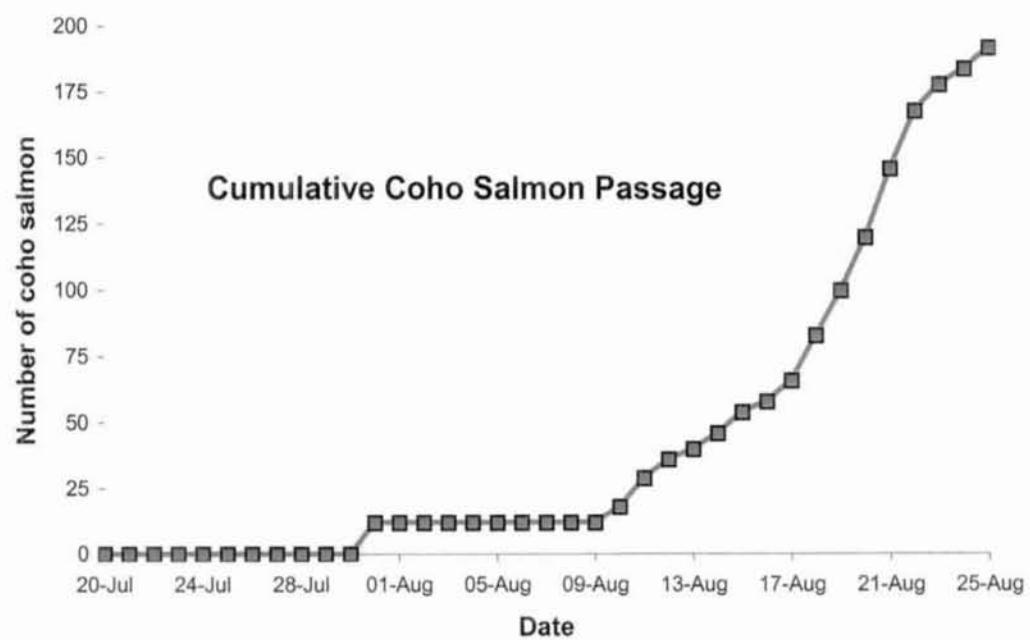
**Figure 8. Cumulative king salmon migration past the Eldorado River counting tower, Norton Sound, 2000.**



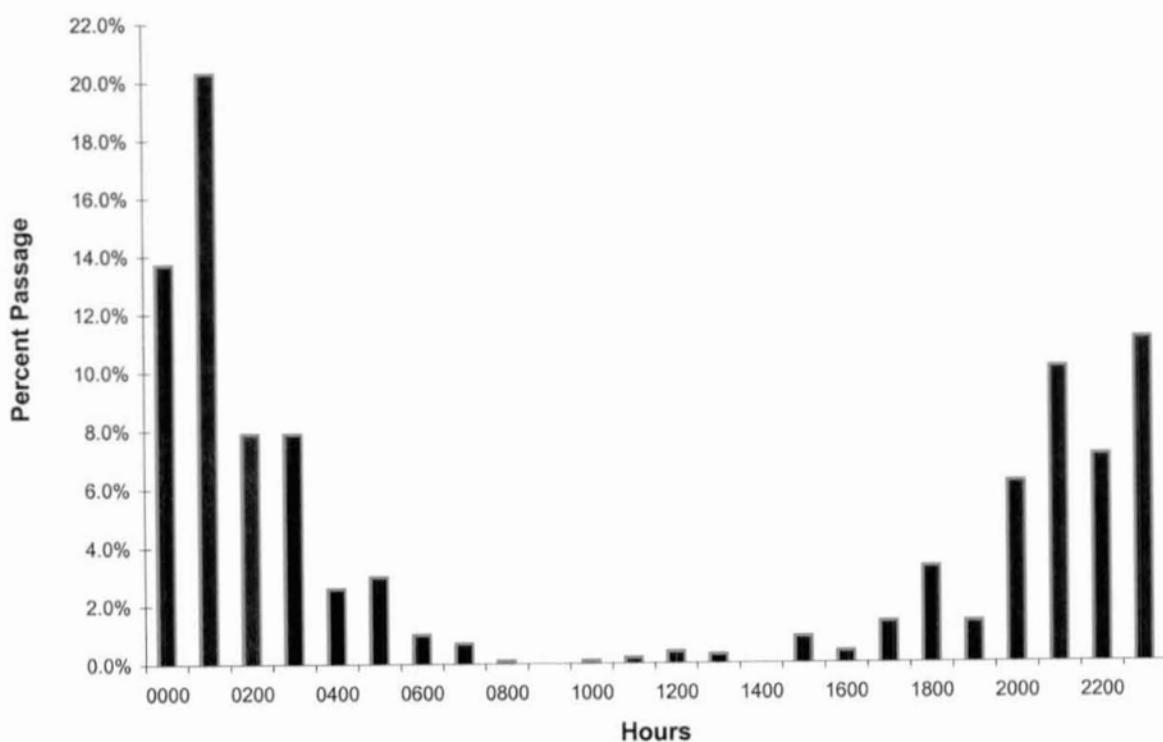
**Figure 9. Daily coho salmon migration past the Eldorado River counting tower, Norton Sound, 2000.**



**Figure 10. Cumulative coho salmon migration past the Eldorado River counting tower, Norton Sound, 2000.**



**Figure 11.** Diurnal pattern of chum salmon migration past the Eldorado River counting tower, Norton Sound, 2000.



**Figure 12.** Diurnal pattern of pink salmon migration past the Eldorado River counting tower, Norton Sound, 2000.

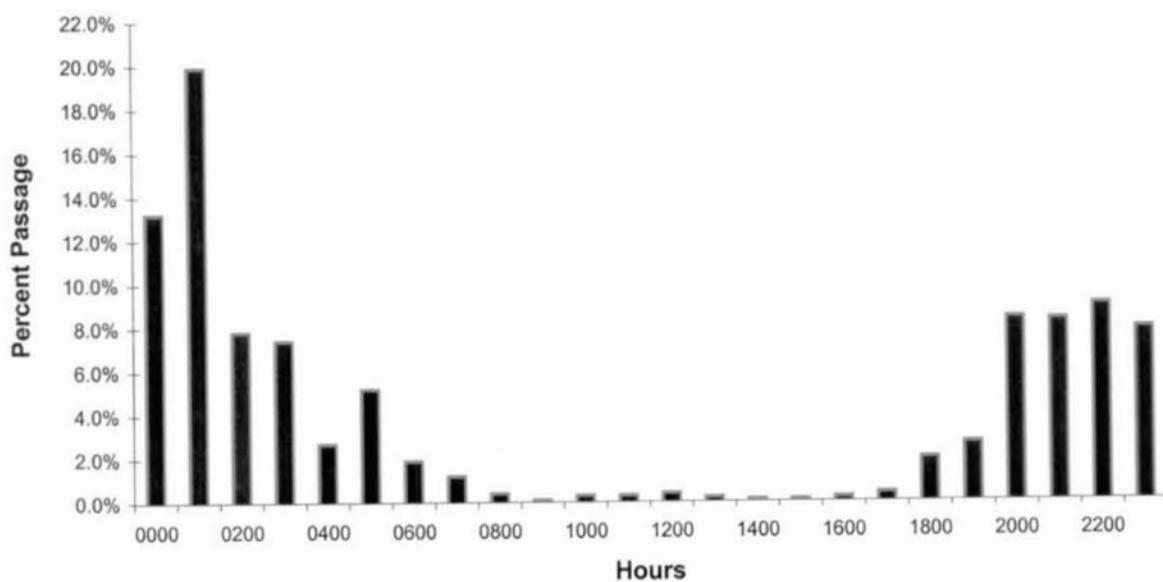
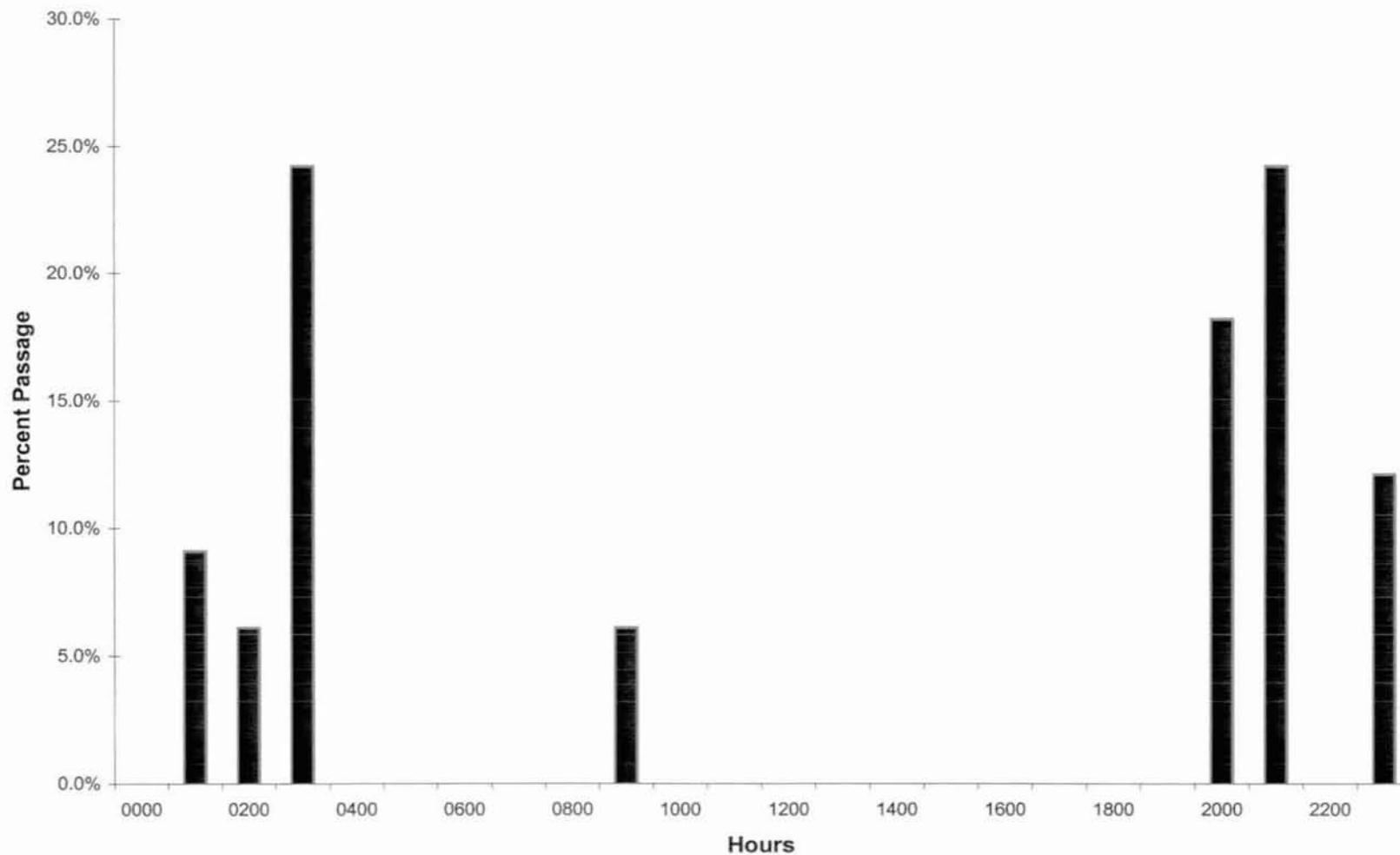
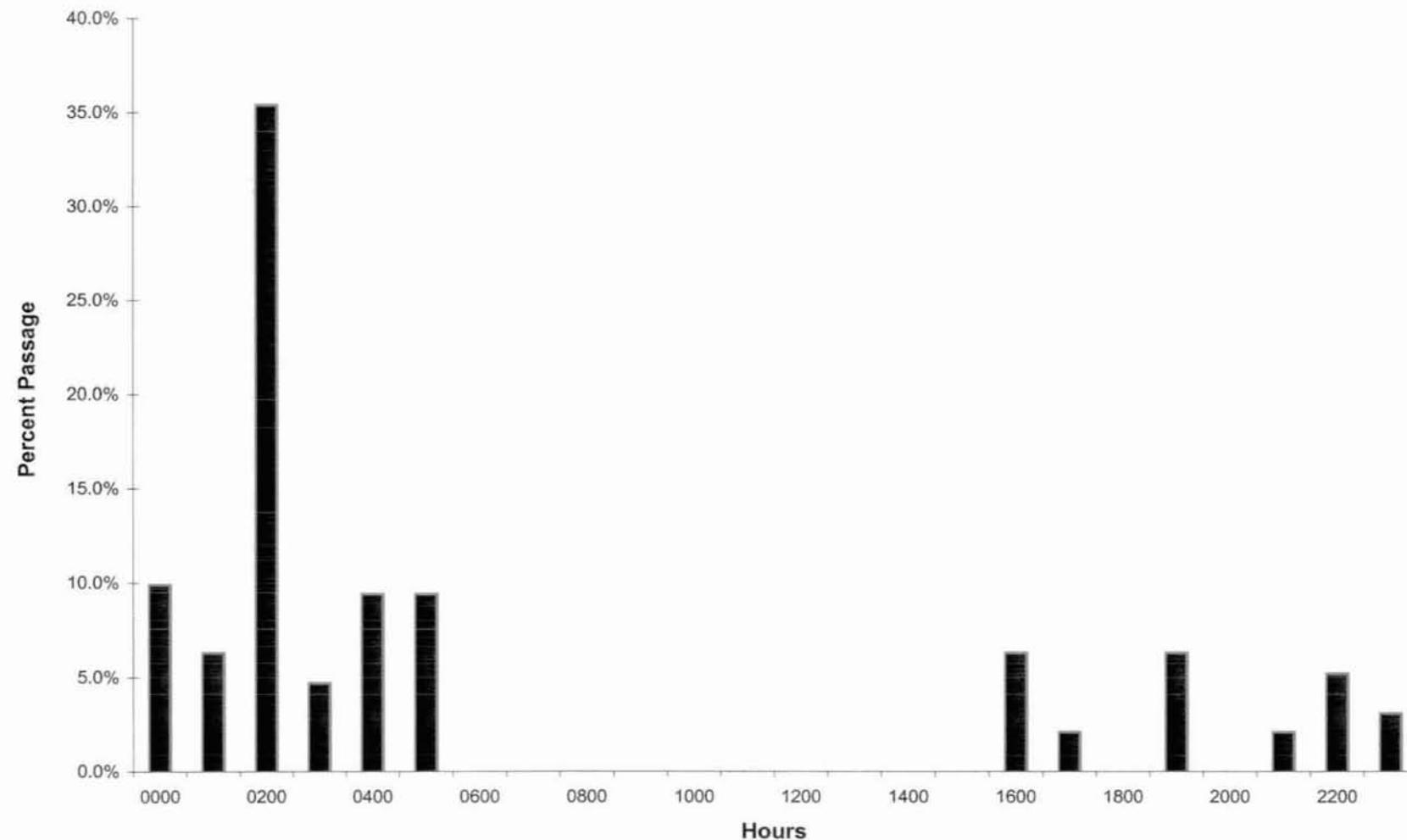


Figure 13. Diurnal pattern of king salmon migration past the Eldorado River counting tower, Norton Sound, 2000.



F11-14. Diurnal Patterns Chart 4

Figure 14. Diurnal pattern of coho salmon migration past the Eldorado River counting tower, Norton Sound, 2000.



**Figure 15. Cumulative migration of chum salmon past the Eldorado River counting tower, Norton Sound, 1995-2000.**

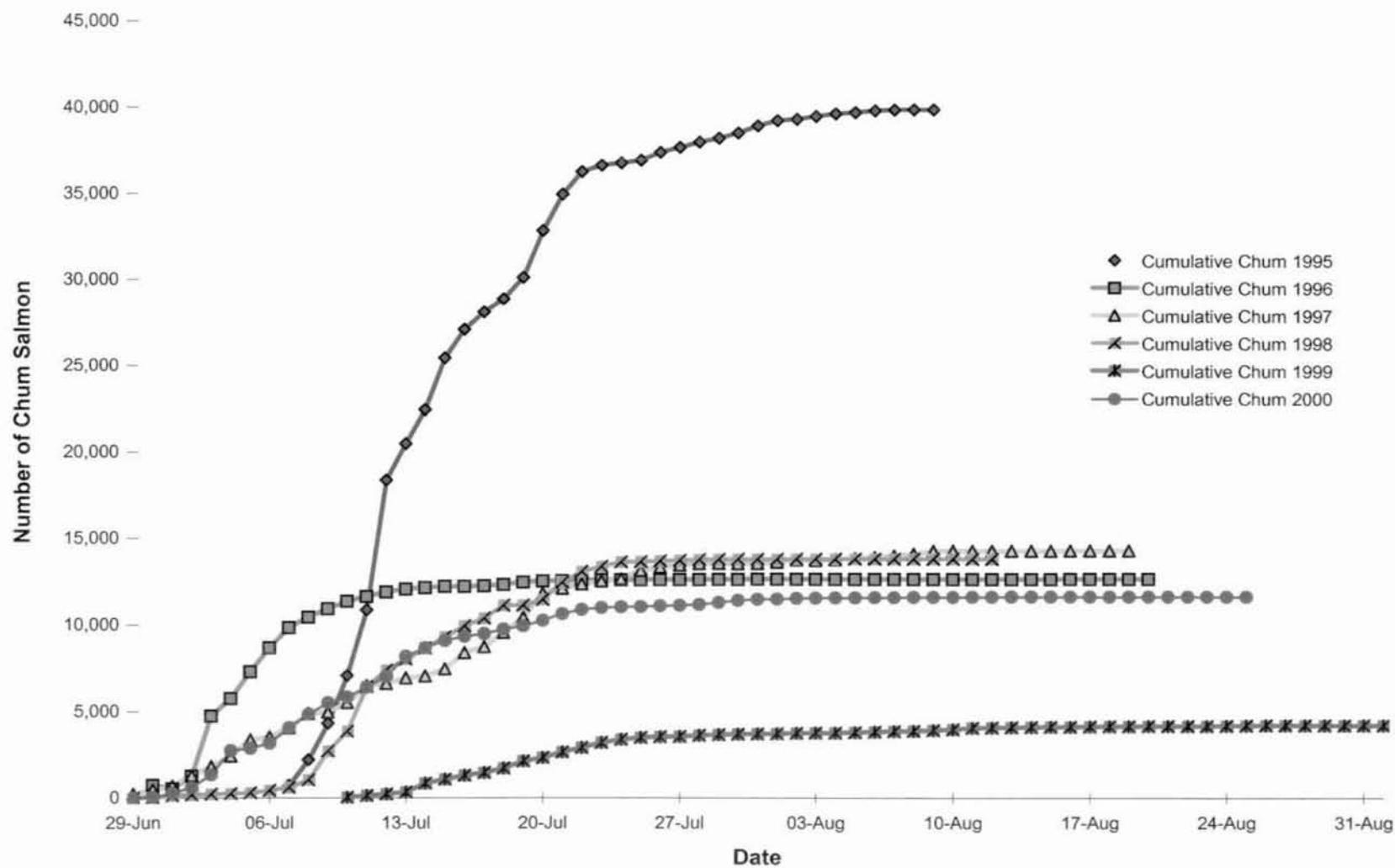


Figure 16. Cumulative odd year migration of pink salmon past the Eldorado River counting tower, Norton Sound, 1995-1999.

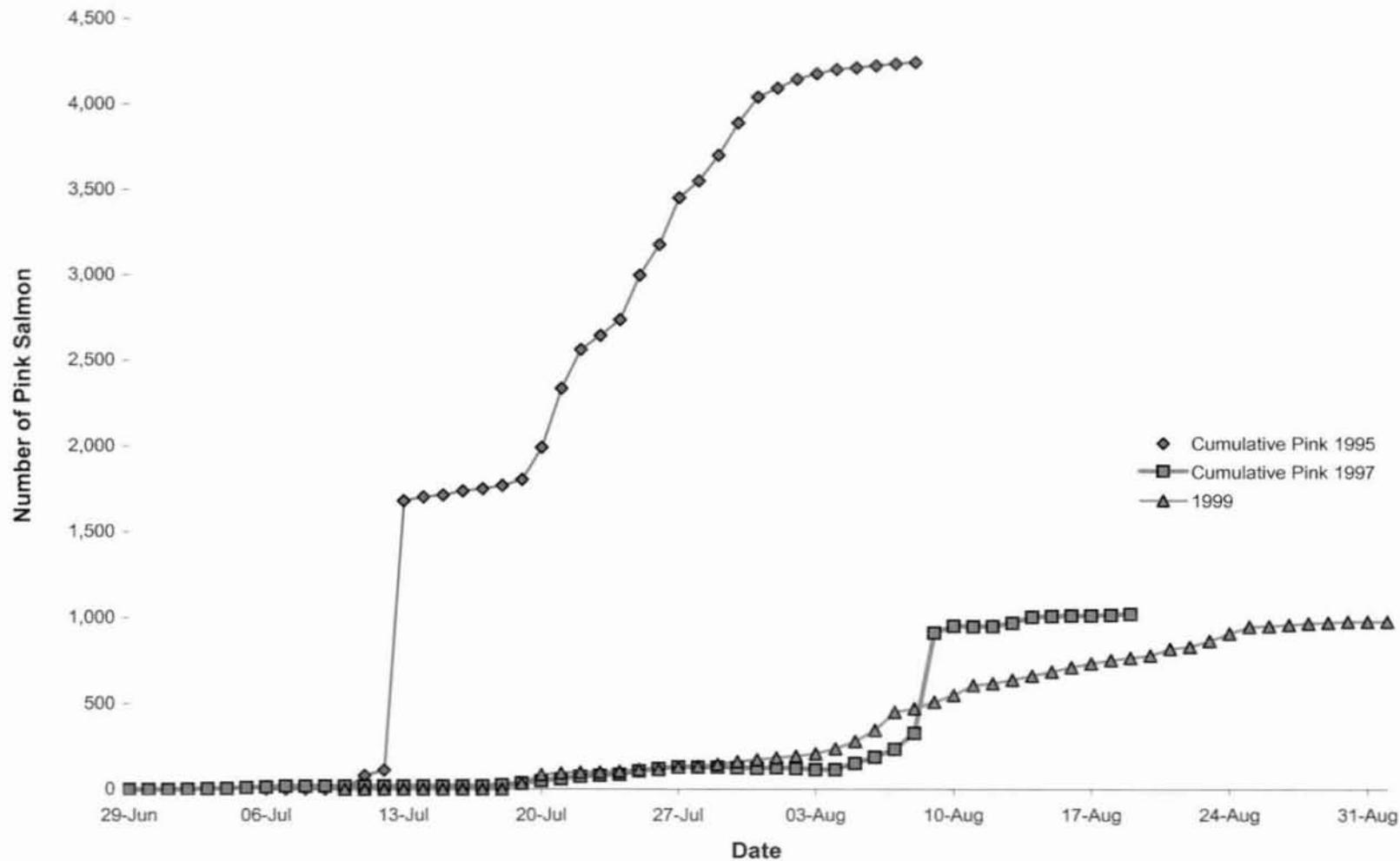
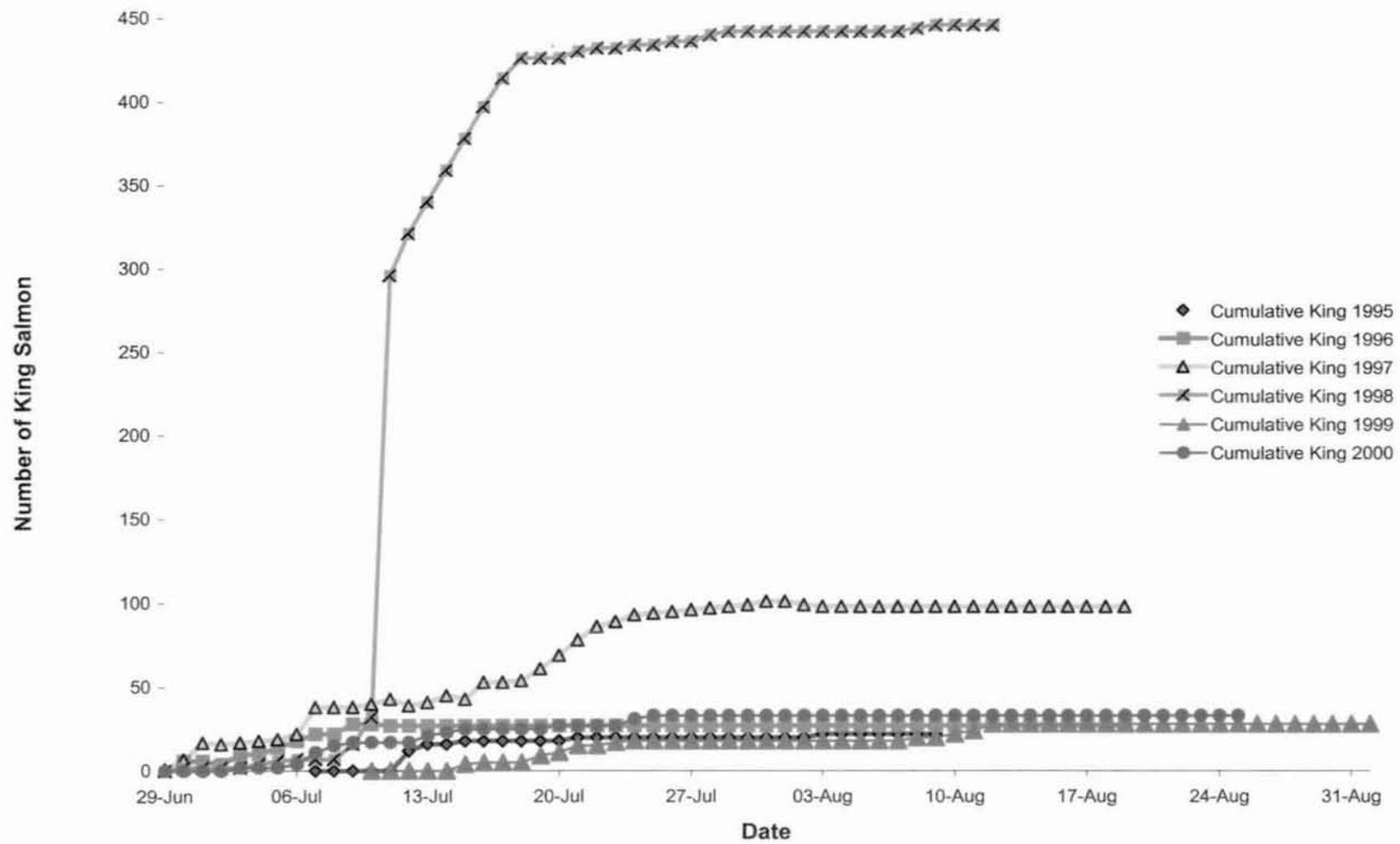
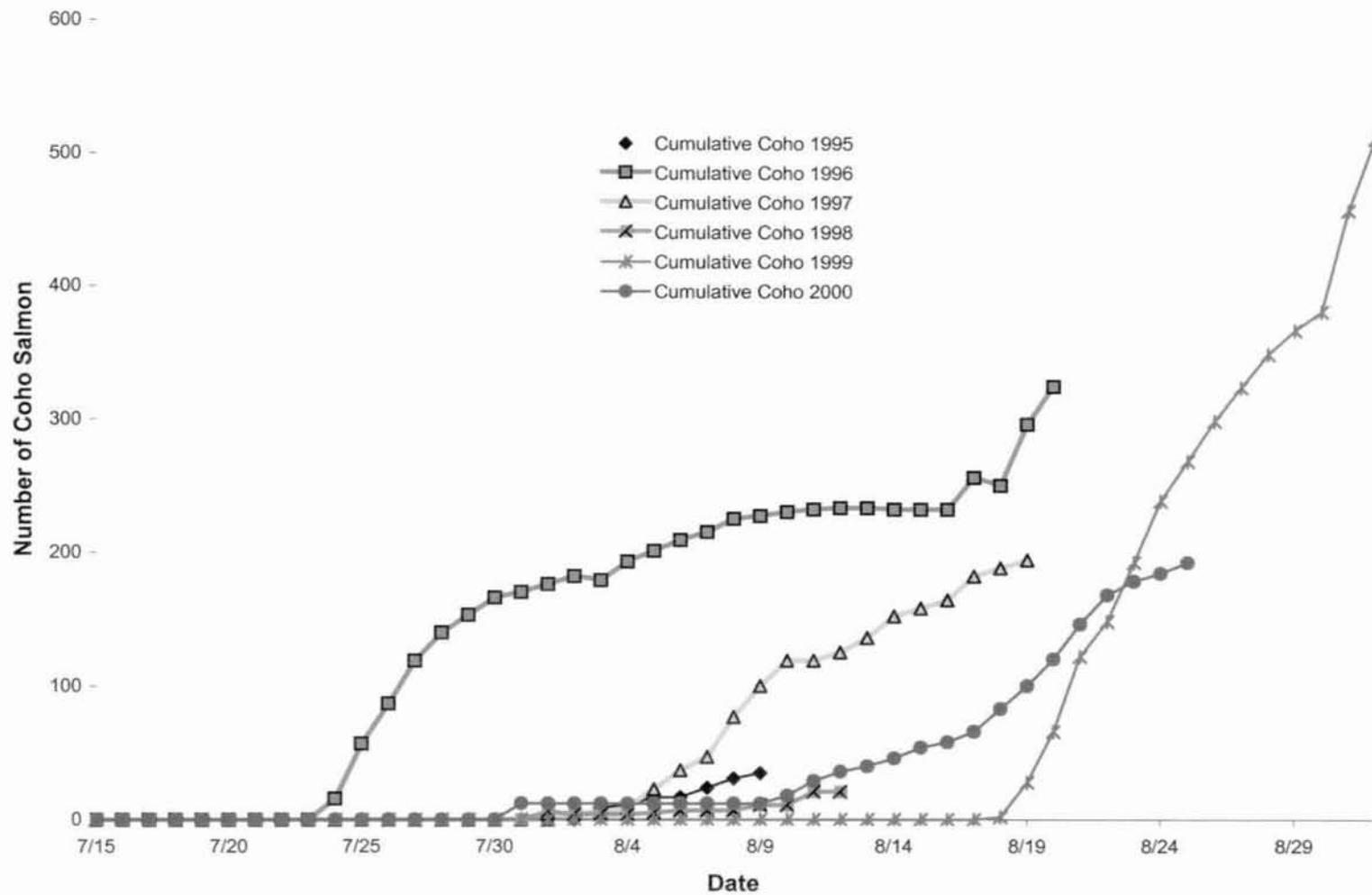


Figure 18. Cumulative migration of king salmon past the Eldorado River counting tower, Norton Sound, 1995-2000.



**Figure 19. Cumulative migration of coho salmon past the Eldorado River counting tower, Norton Sound, 1995-2000.**



Appendix 1. Historical salmon escapement at the Eldorado River counting tower, 1995-2000.

| Year | Operating period | Chum   | Pink    | King | Coho |
|------|------------------|--------|---------|------|------|
| 1995 | July 7-Aug 9     | 39,867 | 4,243   | 22   | 35   |
| 1996 | June 30-Aug 20   | 12,655 | 46,095  | 27   | 324  |
| 1997 | June 29-Aug 19   | 14,302 | 1,022   | 98   | 194  |
| 1998 | June 29-Aug 12   | 13,808 | 137,283 | 446  | 21   |
| 1999 | July 10-Sept 1   | 4,218  | 977     | 28   | 510  |
| 2000 | June 29-Aug 25   | 11,617 | 55,922  | 33   | 192  |

Appendix 2. Percentage of salmon counts estimated at the Eldorado River counting tower project 1995-2000.

| Year | Operating period | Chum  | Pink   | King  | Coho  |
|------|------------------|-------|--------|-------|-------|
| 1995 | July 7-Aug 9     | 15.7% | 8.7%   | 0.0%  | 20.0% |
| 1996 | June 30-Aug 20   | 12.3% | -26.0% | 14.8% | 35.8% |
| 1997 | June 29-Aug 19   | 33.3% | 38.6%  | 18.4% | 32.0% |
| 1998 | June 29-Aug 12   | 30.6% | 43.6%  | 22.0% | 4.8%  |
| 1999 | July 10-Sept 1   | 18.2% | 44.3%  | 7.1%  | 32.9% |
| 2000 | June 29-Aug 25   | 18.1% | 20.0%  | 27.3% | 33.3% |